



Safety Catalogue 2025

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Dräger

Technology for Life

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Gas Detection Technology

Portable Gas Detection Instruments

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Gas Detection Technology

Portable Gas Detection Instruments

Description	Order Code	Product Category	Packing unit
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Single Toxic Gas Instruments Dräger Pac®-Family

The Dräger Pac instruments are the new generation of single gas measuring and warning instruments from Dräger. Small and robust, ergonomic and intuitive, cost-effective and powerful - the Pac family is tailor-made for personal monitoring in the workplace.

Dräger Pac 6000 & 6500 instruments guarantee the reliable monitoring of ambient air and provide a fast warning for harmful concentrations of carbon monoxide, hydrogen sulphide, sulphur dioxide and oxygen. The Dräger Pac 8000 is available for other gases like nitrogen dioxide, hydrogen cyanide, ozone or phosgene, whereas the Dräger Pac 8500 includes dual XXS sensors. The different instrument versions are available for a number of applications during daily work.



Dräger Pac® 6000

The maintenance-free Dräger Pac 6000 can be used without replacing the battery or the DrägerSensor for 2 years. The language-free display indicates the gas and actual gas concentration, the event logger shows up to 60 events.

In order to accommodate a wide range of customer requirements each Dräger Pac 6000 could be delivered according to the customer specifications.



	Enclosed in instrument	Necessary f. operation	Optional			
Dräger Pac 6000 (Construction kit) Limited single gas instrument for exchangeable sensors				8326340	338	1
Instrument with respective sensor		•				
Pac 6000 H ₂ S LC						
Pac 6000 CO LC						
Pac 6000 O ₂						
Pac 6000 SO ₂						
The Instruction for Use can be downloaded here : https://www.draeger.com/ifu						
Manufacturer Certificate online available on D.World						
Customer specific instrument settings		•				
Calibration Certificate (online available: https://www.draeger.com/productioncertificates)						
Service label		•				1

The information regarding the accessories can be found under the heading "Pac Accessories".

Gas Detection Technology

Portable Gas Detection Instruments

Description	Measuring Range	Alarm Settings AI/A2	Order Code	Product Category	Packing unit
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Pac® 6000 with pre-set settings

Dräger Pac 6000 H ₂ S LC	0 - 200 ppm	5 / 10 ppm	8326320	338	1
Dräger Pac 6000 CO LC	0 - 2000 ppm	30 / 60 ppm	8326321	338	1
Dräger Pac 6000 O ₂	0 - 25 Vol.-%	19,5; 22,5/19; 23 Vol.-%	8326322	338	1
Dräger Pac 6000 SO ₂	0 - 100 ppm	0.5 / 1.0 ppm	8326323	338	1

Pac® 6000 Life Time Extension

License lifetime extension Pac 6000 (750 days)			3727138	338	1
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The information regarding the accessories can be found under the heading "Pac Accessories".

Gas Detection Technology

Portable Gas Detection Instruments

Description	Order Code	Product Category	Packing unit
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Dräger Pac® 6500

The Dräger Pac 6500 has an unlimited operating time. A recalibration is necessary in an interval of up to 2 years. The language free display indicates the actual concentration and gas type. The data logger can be read out and allows a detailed documentation of Peak, TWA and STEL values. If you order the devices with Bluetooth option, you can use Dräger GasDetectionConnect and the new Dräger Con Hub. This means that your single-gas detector is fully integrated into the digital Dräger world and you can benefit from all its advantages.

In order to accommodate a wide range of customer requirements each Dräger Pac 6500 could be delivered according to the customer specifications.



	Enclosed in instrument	Necessary f. operation	Optional	Order Code	Product Category	Packing unit
Dräger Pac 6500 (construction kit) Limited single gas instrument for exchangeable sensors				8326341	338	1
Instrument with respective sensor		•				
Pac 6500 H ₂ S LC						
Pac 6500 CO LC						
Pac 6500 O ₂						
Pac 6500 SO ₂						
The Instruction for Use can be downloaded here : https://www.draeger.com/ifu						
Manufacturer Certificate online available on D.World						
Customer specific instrument settings		•				
Bluetooth		•				
Open GATT Interface		•				
Calibration Certificate (online available: https://www.draeger.com/productioncertificates)						
Service label		•				1

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Gas Detection Technology

Portable Gas Detection Instruments

Description	Measuring Range	Alarm Settings AI/A2	Order Code	Product Category	Packing unit
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Pac® 6500 with global pre-set settings

Dräger Pac 6500 H ₂ S LC	0 - 200 ppm	5 / 10 ppm	8326330	338	1
Dräger Pac 6500 CO LC	0 - 2000 ppm	30 / 60 ppm	8326331	338	1
Dräger Pac 6500 O ₂	0 - 25 Vol.-%	19.5; 22.5/19; 23 Vol.-%	8326332	338	1
Dräger Pac 6500 SO ₂	0 - 100 ppm	0.5 / 1.0 ppm	8326333	338	1

The information regarding the accessories can be found under the heading "Pac Accessories".

Gas Detection Technology

Portable Gas Detection Instruments

Description	Order Code	Product Category	Packing unit
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Dräger Pac® 8000

The Dräger Pac 8000 has an unlimited operating time. It offers a number of sensors for gases of special applications. The language free display indicates the actual concentration and gas type. The data logger can be read out and allows a detailed documentation of Peak, TWA and STEL values. If you order the devices with Bluetooth option, you can use Dräger GasDetectionConnect and the new Dräger Con Hub. This means that your single-gas detector is fully integrated into the digital Dräger world and you can benefit from all its advantages.

In order to accommodate a wide range of customer requirements each Dräger Pac 8000 could be delivered according to the customer specifications.



	Enclosed in instrument	Necessary f. operation	Optional			
Dräger Pac 8000 (construction kit) Unlimited single gas instrument for exchangeable sensors				8326342	308	1
Instrument with respective sensor		•				
Pac 8000 NO						
Pac 8000 NO ₂ LC						
Pac 8000 CO ₂						
Pac 8000 Cl ₂						
Pac 8000 HCN						
Pac 8000 NH ₃						
Pac 8000 PH ₃						
Pac 8000 OV						
Pac 8000 OV-A						
Pac 8000 Ozone						
Pac 8000 Phosgene						
Pac 8000 H ₂ %LEL						

The Instruction for Use can be downloaded here :<https://www.draeger.com/ifu>

Gas Detection Technology

Portable Gas Detection Instruments

Description	Measuring Range	Alarm Settings A1/A2	Order Code	Product Category	Packing unit
Manufacturer Certificate online available on D.World					
Customer specific instrument settings		•			
Bluetooth		•			
Open GATT Interface		•			
Special calibrations for OV / OV-A sensors		•			
Calibration Certificate (online available: https://www.draeger.com/productioncertificates)					
Service label		•			1

The information regarding the accessories can be found under the heading "Pac Accessories".

Pac® 8000 with global pre-set settings

Dräger Pac 8000 NO	0 - 200 ppm	5 / 10 ppm	8326350	308	1
Dräger Pac 8000 NO ₂ LC	0 - 50 ppm	0.5 / 1.0 ppm	8326358	308	1
Dräger Pac 8000 CO ₂	0 - 5 Vol.-%	0.5 / 1.0 Vol.-%	8326351	308	1
Dräger Pac 8000 Cl ₂	0 - 20 ppm	0.5 / 1.0 ppm	8326352	308	1
Dräger Pac 8000 HCN	0 - 50 ppm	1.9 / 3.8 ppm	8326353	308	1
Dräger Pac 8000 H ₂	0 - 100%LEL (0-4 Vol.%)	20/40 %LEL	3729680	308	1
Dräger Pac 8000 NH ₃	0 - 300 ppm	20 / 40 ppm	8326354	308	1
Dräger Pac 8000 PH ₃	0 - 20 ppm	0.1 / 0.2 ppm	8326355	308	1
Dräger Pac 8000 OV	0 - 200 ppm	10 / 20 ppm	8326356	308	1
Dräger Pac 8000 OV-A	0 - 200 ppm	10 / 20 ppm	8326357	308	1
Dräger Pac 8000 Ozone	0 - 10 ppm	0.1 / 0.2 ppm	8326359	308	1
Dräger Pac 8000 Phosgene	0 - 10 ppm	0.1 / 0.2 ppm	8326360	308	1

The information regarding the accessories can be found under the heading "Pac Accessories".

Gas Detection Technology

Portable Gas Detection Instruments

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Description	Order Code	Product Category	Packing unit
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Dräger Pac® 8500

The Dräger Pac 8500 has an unlimited operating time. It offers dual sensors to cover two different gases present at the same time in special applications. The language free display indicates the actual concentration and gas type. The data logger can be read out and allows a detailed documentation of Peak, TWA and STEL values. If you order the devices with Bluetooth option, you can use Dräger GasDetectionConnect and the new Dräger Con Hub. This means that your single-gas detector is fully integrated into the digital Dräger world and you can benefit from all its advantages.

In order to accommodate a wide range of customer requirements each Dräger Pac 8500 could be delivered according to the customer specifications.



	Enclosed in instrument	Necessary f. operation	Optional	Order Code	Product Category	Packing unit
Dräger Pac 8500 (construction kit) Unlimited single gas instrument for exchangeable sensors				8326343	308	1
Instrument with respective sensor		•				
Pac 8500 H ₂ S LC / CO LC						
Pac 8500 O ₂ / CO LC						
Pac 8500 O ₂ / H ₂ S LC						
Pac 8500 CO H ₂ -CP						
The Instruction for Use can be downloaded here : https://www.draeger.com/ifu						
Manufacturer Certificate online available on D.World						
Bluetooth		•				
Open GATT Interface		•				
Customer specific instrument settings		•				
Calibration Certificate (online available: https://www.draeger.com/productioncertificates)						
Service label		•				1

The information regarding the accessories can be found under the heading "Pac Accessories".

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Gas Detection Technology

Portable Gas Detection Instruments

Description	Measuring Range	Alarm Settings A1/A2	Order Code	Product Category	Packing unit
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Pac® 8500 with pre-set settings

Dräger Pac 8500 H ₂ S/CO LC	0 - 2000 ppm CO 0 - 100 ppm H ₂ S	30 / 60 ppm 5 / 10 ppm	8326365	308	1
Dräger Pac 8500 O ₂ /CO-LC	0 - 2000 ppm CO 0 - 25 Vol.-% O ₂	30 / 60 ppm 19.5; 22.5/19; 23.5 Vol.-%	8326366	308	1
Dräger Pac 8500 O ₂ /H ₂ S LC	0 - 100 ppm H ₂ S 0 - 25 Vol.-% O ₂	5 / 10 ppm 19.5; 22.5/19; 23.5 Vol.-%	3702251	308	1
Dräger Pac 8500 CO H ₂ -CP	0 - 2000 ppm CO	30 / 60 ppm	8326367	308	1

The information regarding the accessories can be found under the heading "Pac Accessories".

Gas Detection Technology

Portable Gas Detection Instruments

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Description	Order Code	Product Category	Packing unit
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Accessories for the Dräger Pac®-Series



Calibration Accessories

Calibration adapter Dräger Pac Series	8318588	332	1
Dräger X-dock 5300 Pac Set consisting of one master (3 gases), one instrument module and one power supply (8321849)	8321881	332	1
Dräger Bump Test Station Dräger Pac Without gas cylinder	8317410	332	1
Dräger Bump Test Station Dräger Pac complete With one test gas cylinder (please select in the order):	8318586	332	1
50 ppm NH ₃ /N ₂	6811352		
100 ppm CO/N ₂	6812252		
2.5 Vol.-% CO ₂ /air	6810391		
20 ppm H ₂ S/N ₂	6810393		
25 ppm H ₂ S/N ₂	6812114		
100 ppm H ₂ S/N ₂	6812112		
18 Vol.-% O ₂ /N ₂	6811250		
10 ppm HCN/N ₂	6810642		
50 ppm NO/N ₂	6812378		
10 ppm NO ₂ /N ₂	3713477		
0.5 ppm PH ₃ /N ₂	6810647		
10 ppm SO ₂ /N ₂	6810645		
10 ppm C ₂ H ₄ O/N ₂	6812110		
100 ppm CO, 18 Vol.-% O ₂	6812963		
15 ppm H ₂ S, 50 ppm CO, 18 Vol.-% O ₂	6813100		
Test gas 60 L, 50 ppm CO/air	6811117		

You will find additional information regarding test gases in the accessories price list.

Gas Detection Technology

Portable Gas Detection Instruments

Description	Order Code	Product Category	Packing unit
Communication Accessories			
Communication Module for Dräger Pac Series Complete with USB cable	8318587	302	1
Software Solutions			
Dräger GasVision license key 45 days trial version free of charge available in the Internet www.draeger.com/software	8325646	337	1
Dräger CC-Vision Basic Free of charge available in the Internet www.draeger.com/software			
Dräger Pac Open GATT License (Amount of licenses chooseable)*	3721647	337	1
*The use of the Open GATT interface requires the activation/use of the Bluetooth module of the Dräger device. The information regarding Gas Detection Connect licenses can be found under the heading "Software Solutions" in the respective price list.			
Bags			
Leather bag	8328278	336	1
Other Accessories			
Battery for Pac 6x00/8x00	8326856	336	1
Sensor grid Pac 8x00 (4 pc.), incl. water and dust filter	8326852	393	1
Sensor grid Pac 6x00 (4 pc.), incl. water and dust filter	8326853	393	1
Sensor grid Pac 8x00 (40 pc.), incl. water and dust filter	8326859	393	1
Sensor grid Pac 6x00 (40 pc.), incl. water and dust filter	8326857	393	1
Spare Part Set Grip Clip, incl. screws	8319186	393	1
Case screws f. Pac 6x00/8x00 (20 pc.)	8326858	393	1
Display protection film (10 pcs)	8328279	336	1
Spare Parts			

If you need spare parts, please contact your local Dräger Service.

Gas Detection Technology

Portable Gas Detection Instruments

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Description	Order Code	Product Category	Packing unit
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Single Toxic Gas Instruments Dräger X-am® 5100

The Dräger X-am 5100 is a small lightweight 1-Gas-Detection Instrument, which is specially designed for the requirements for personal monitoring. It can be equipped with an electrochemical Sensor either for hydrogen peroxide, hydrazine or for hydrogen fluoride / hydrogen chloride.

In order to accommodate a wide range of customer requirements each Dräger X-am 5100 is assembled immediately before delivery according to the customer's Specifications.

An order for a complete Instrument consists of:

- Instrument
- Sensor
- Power pack
- optional special calibrations



	Enclosed in instrument	Necessary f. operation	Optional			
Dräger X-am 5100 (construction kit) Unlimited single gas instrument for exchangeable sensors. With selectable special calibrations incl. adjustable alarm levels to country specific standards				8322750	308	1
Event- and Data logger Manufacturer Certificate & Calibration Certificate	•		•			
Sensors (1 Sensor selectable)		•				
DrägerSensor XS EC H ₂ O ₂				6809170	368	1
DrägerSensor XS EC HF / HCl*				6809140	368	1
DrägerSensor XS EC Hydrazine *				6809190	368	1
Rechargeable NiMH T4 power pack				3703887	336	1
Customer specific instrument settings			•			1
*Special calibration for sensors			•			1

Gas Detection Technology

Portable Gas Detection Instruments

Description	Measuring Range	Alarm Settings A1/A2	Order Code	Product Category	Packing unit
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Dräger X-am® 5100 with pre-set settings

These instruments include

- the corresponding sensor with pre-set factory settings
- event and data logger
- manufacturer certificate
- calibration certificate

A power supply is **not** included and must be ordered separately.

Dräger X-am 5100 H₂O₂ Global	0 - 20 ppm	1.0 / 2.0 ppm	8326590	308	1
Dräger X-am 5100 HF/HCl Global	0 - 30 ppm	5 / 10 ppm	8326591	308	1
Additional Power Supplies					
Power Pack & Charging Set 2.0 Consisting of: NiMH power pack T4, charging module, single charger (worldwide) for 1 charging module			3703889	336	1
Charging Set Basic Consisting of: charging module, single charger (worldwide) for 1 charging module			8320333	336	1
Calibration Accessories					
Calibration adapter Dräger X-am 5100 You will find additional information regarding test gases in the "Test Gases and Regulators" price list.			6806291	332	1
Spare Parts					
If you need any Spare parts, please order the following Spare parts list.					
Dräger X-am 5x00			4638.230		

Gas Detection Technology

Portable Gas Detection Instruments

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Description	Order Code	Product Category	Packing unit
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Portable Gas Detection Instruments Multi Gas Detection Instrument Dräger X-am® 2600

The X-am 2600 multi-gas detector measures combustible gases, oxygen, carbon monoxide and hydrogen sulphide. With the software Dräger Gas Detection Connect it offers live data transmission and powerful fleet management.

The device has been optimized for personal monitoring in diffusion mode and offers maximum safety with low operating costs. The initial period of use of the device is 3 years, with the option to extend this as often as required with a license.

(Not compatible to Dräger X-zone and Dräger X-am pump.)



	Enclosed in instrument	Necessary f. operation	Optional			
Dräger X-am 2600 Dräger X-am 2600: CH4, O2, CO, H2S Factory setting with standard alarm thresholds. With power supply (3703887), without charger , incl. Bluetooth. CatEx: Measuring gas: methane % LEL, Oxygen 0 - 30 vol.-% Digital IFU & calibration certificate. (The Basic charging set, for example, is also required for charging, part number: 83 20 333)						
X-am 2600 CH4, O2, CO, H2S				3735430	303	1
1st cluster Instruction for Use (9300307) DE, EN, ENUS, ES, FR, IT, JA, NL, PT, PTBR, RU, ZH_C 2nd cluster Instruction for Use (9300428) BG, CS, DA, EL, ET, FI, HR, HU, KK, KO, LT, LV, NO, PL, RO, SK, SL, SV, TR, UK, VI INSTRUCTION FOR USE (ONLINE AVAILABLE: WWW.DRAEGER.COM/IFU) CALIBRATION CERTIFICATE (ONLINE AVAILABLE: HTTPS://WWW.DRAEGER.COM/PRODUCTIONCERTIFICATES)						
Power packs and charging set						
Charging set Basic: charging module and a plug-in power supply 8316997 (worldwide)				8320333	336	1
Battery and charging set (2.0): NiMH T4 (2.0) rech. battery and charging module with power supply.				3703889	336	1

Gas Detection Technology

Portable Gas Detection Instruments

Description	Order Code	Product Category	Packing unit
Bluetooth® - communication protocol for integration into third-party systems (openGATT licence) (used for activation in PC software CC Vision)			
Dräger X-am Open GATT licence (amount of licenses chooseable)	3723353	337	
X-am 2600 lifetime extension			
License lifetime extension X-am 2600 (750 days)	3736525	303	
Other accessories			
Transponder reader (for reading RFID chip)	6559283	541	1
Set of stickers X-am 2800/5800 silver (10x)	3703852	336	1
Set of stickers X-am 2800/5800 red (10x)	3703853	336	1
Set of stickers X-am 2800/5800 blue (10x)	3703854	336	1
Set of stickers X-am 2800/5800 yellow (10x)	3703855	336	1
Set of stickers X-am 2800/5800 green (10x)	3703856	336	1
Set display protection cover X-am 2800/5800 (10x)	3703857	336	1
Set Upgrade RFID-Transponder (5x)	3703898	336	1
Seal ring extractor (for changing XXS sensors). (Selected sensors are supplied with a similar tool ex works)	R21402	971	1
Spare Sensors (1-4 Sensors selectable)			
CatEx SR (0-100% LEL)*	6851900	364	1
DrägerSensor XXS O2 PR* (0-30 Vol.-%)	6800530	368	1
DrägerSensor XXS CO-LC*	6813210	368	1
DrägerSensor XXS H2S LC*	6811525	368	1
* 3 years warranty			
If you need any Spare Parts, please order the following Spare parts list. Dräger X-am 2600			E 4638.280

Gas Detection Technology

Portable Gas Detection Instruments

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Description	Order Code	Product Category	Packing unit
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Multi Gas Detection Instruments Dräger X-am® 2800

The X-am 2800 multi-gas detector measures up to four gases and is equipped with a shock resistant CatEx sensor.

With the Dräger Gas Detection Connect software, it offers live data transmission and powerful fleet management. Designed for personal monitoring, the X-am 2800 offers you the highest level of safety at a low cost of ownership. It can be equipped with one catalytic Ex-sensor and three electro-chemical sensors at maximum. The instrument supports the X-am pump.

In order to accommodate a wide range of customer requirements the Dräger X-am 2800 "Flex" is assembled immediately before delivery according to the customer specifications. The customer specific settings like alarm thresholds, calibration gas settings, passwords and many more are optional.

An order for a complete instrument consists of:

- Instrument incl. Bluetooth (and power pack)
- Hardware options: RFID transponder
- Software options: Open GATT licence
- Sensors
- Charging equipment (and power pack if not already part of the instrument)
- Optional special calibrations / configurations



	Enclosed in instrument	Necessary f. operation	Optional			
Dräger X-am 2800 "Flex" (construction kit) Instrument with 1 to 4 sensors. With selectable special calibrations. Standard calibration of the Ex-sensor: Methane 0-100 %LEL Incl. alarm levels set to country specific standards.				3703900	303	1
Predefined sensor combinations						
X-am 2800 Ex, O ₂ (PR), CO LC, H ₂ S LC						
X-am 2800 Ex, O ₂ (PR), CO LC						
X-am 2800 Ex, O ₂ (PR), H ₂ S LC						
X-am 2800 Ex, O ₂ (PR)						
X-am 2800 Ex						
X-am 2800 Ex, O ₂ (PR), CO LC, NO ₂						
X-am 2800 Ex, O ₂ (PR), H ₂ S LC, SO ₂						

Gas Detection Technology

Portable Gas Detection Instruments

Description	Order Code	Product Category	Packing unit
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Or with free definable sensor combinations

Standard sensors are: O₂, O₂ PR, CO LC, H₂S LC, CatEx SR

Special sensors are: SO₂, NO₂

4 gas (Standard sensors)					
3 gas (Standard sensors)					
2 gas (Standard sensors)					
1 gas (Standard sensor)					
If special sensors chosen additional costs for each sensor:					

Special calibration for sensors			•		
Customer specific configuration (alarm levels, gas concentrations, intervals, ...)			•		
Bluetooth (included, not available for selected countries)	•				
Open GATT license			•		1
RFID chip			•		1

Calibration certificate online available www.draeger.com/productioncertificates & manufacturer certificate online available

The Instruction for Use can be downloaded here : https://www.draeger.com/ifu			•		1
1st cluster IFU 9300307 DE, EN, ENUS, ES, FR, IT, JA, NL, PT, PTBR, RU, ZH_C					
2nd cluster IFU 9300428 BG, CS, DA, EL, ET, FI, HR, HU, KK, KO, LT, LV, NO, PL, RO, SK, SL, SV, TR, UK, VI					
Selective filter KX for XXS SO ₂ sensor (H ₂ S)			•	6811344	1

Power Pack

Rechargeable NiMH T4 (2.0) battery (w/o charging equipment)		•	•	3703887	336	1
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Please find additional information regarding X-am 1x/2x/5x00 accessories at the X-am 1x/2x/5x00 accessory list.

Dräger X-am 2800

Instrument incl. Bluetooth and NiMH T4 (2.0) battery, factory default settings, calibration interval: 6 month sensor settings, Standard calibration of the Ex-sensor: Methane 0-100 %LEL (LEL factor: 4,4 Vol%) w/o charger and w/o RFID chip w/o manufacturer certificate, and digital calibration certificate IFU (online available)						
X-am 2800 Ex, H ₂ S LC, CO LC, O ₂ PR				3703918	303	1
Bluetooth	•					
NiMH T4 (2.0) rech. battery (3703887)	•					

Gas Detection Technology

Portable Gas Detection Instruments

Description	Order Code	Product Category	Packing unit
Dräger X-am 2800 4 gas (bundle)			
Instrument incl. Bluetooth, NiMH T4 (2.0) rech. battery and charger set.			
X-am 2800 Ex, H2S LC, CO LC, O2 PR (3703918) incl. Charger Set Basic (8320333)	3703919	303	1
Dräger X-am 2800 Basic			
Instrument incl. Bluetooth, w/o: (sensors, NiMHT4, RFID chip, sensors; NiMH T4 (2.0) rech. battery; RFID chip; IFU, manufacturer certificate and calibration certificate (online available)	3703920	303	1
Spare Sensors (1-4 Sensors selectable)			
CatEx SR (0-100% LEL)*	6851900	364	1
DrägerSensor XXS O2* (0-25 Vol.-%)	6810881	368	1
DrägerSensor XXS O2 PR* (0-30 Vol.-%)	6800530	368	1
DrägerSensor XXS CO-LC*	6813210	368	1
DrägerSensor XXS H2S LC*	6811525	368	1
DrägerSensor XXS NO2	6810884	368	1
DrägerSensor XXS SO2	6810885	368	1
* 3 years warranty			
Bluetooth® - communication protocol for integration into third-party systems (openGATT licence)			
(used for activation in PC software CC Vision)			
Dräger X-am Open GATT licence (Amount of licenses chooseable)	3723353	337	1
Power packs and charging set			
NiMH supply unit T4 (2.0)	3703887	336	1
Charging set Basic: charging module and a plug-in power supply 8316997 (worldwide)	8320333	336	1
Battery and charging set (2.0): NiMH T4 (2.0) rech. battery and charging module with power supply.	3703889	336	1
You will find additional information regarding charging equipment at the accessories price list.			

Gas Detection Technology

Portable Gas Detection Instruments

Description	Order Code	Product Category	Packing unit
Other accessories			
Transponder reader (for reading RFID chip)	6559283	541	1
Set of stickers X-am 2800/5800 silver (10x)	3703852	336	1
Set of stickers X-am 2800/5800 red (10x)	3703853	336	1
Set of stickers X-am 2800/5800 blue (10x)	3703854	336	1
Set of stickers X-am 2800/5800 yellow (10x)	3703855	336	1
Set of stickers X-am 2800/5800 green (10x)	3703856	336	1
Set display protection cover X-am 2800/5800 (10x)	3703857	336	1
Set Upgrade RFID-Transponder (5x)	3703898	336	1
Seal ring extractor (for changing XXS sensors).	R21402	971	1

(Selected sensors are supplied with a similar tool ex works).

Spare Parts

If you need any Spare Parts, please order the following Spare parts list.

Dräger X-am 2800	E 4638.280
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Gas Detection Technology

Portable Gas Detection Instruments

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Description	Order Code	Product Category	Packing unit
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Multi Gas Detection Instruments Dräger X-am® 2500

The device will not be manufactured any longer.
Accessories and spare parts are still available.



Enclosed in instrument
Necessary f. operation
Optional

Power Packs, selectable

Description	Enclosed in instrument	Necessary f. operation	Optional	Order Code	Product Category	Packing unit
Rechargeable NiMH T4 power supply				3703887	336	1

Please find additional information regarding X-am 1x/2x/5x00 accessories at the X-am 1x/2x/5x00 accessory list.

Sensors (1-4 sensors selectable)

Description	Enclosed in instrument	Necessary f. operation	Optional	Order Code	Product Category	Packing unit
CatEx I25 PR* 0-100% LEL				6812950	364	1
CatEx I25 PR*- Gas 0-100% LEL				6813080	364	1
DrägerSensor XXS O ₂ * (0-25 Vol.-%)				6810881	368	1
DrägerSensor XXS O ₂ * PR (0-30 Vol.-%)				6800530	368	1
DrägerSensor XXS CO-LC*				6813210	368	1
DrägerSensor XXS H ₂ S LC*				6811525	368	1
DrägerSensor XXS NO ₂				6810884	368	1
DrägerSensor XXS SO ₂				6810885	368	1

* 3 years warranty

Spare Parts

If you need any Spare parts please order the following Spare parts list.

Dräger X-am 2500	E 4638.205
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Gas Detection Technology

Portable Gas Detection Instruments

Description	Order Code	Product Category	Packing unit
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Multi Gas Detection Instruments Dräger X-am® 5800

The X-am® 5800 multi-gas detector measures up to six gases and is equipped with a very shock resistant sensors. Choice of physical sensors: CatEx SR (shock resistant) or infrared sensor from the XD-IR series or photoionisation detector PID HC neo: Very high resistance to shock loads. The Ex sensors measure flammable gases and vapours. In combination with the Gas Detection Connect software, you can transmit data live and manage your fleet efficiently. It has been optimized for personal monitoring and offers maximum safety - at low operating costs.

In order to accommodate a wide range of customer requirements the Dräger X-am 5800 "Flex" is assembled immediately before delivery according to the customer specifications. The customer specific settings like alarm thresholds, calibration gas settings, passwords and many more are optional.

An order for a complete instrument consists of:

- Instrument incl. Bluetooth and power pack
- Hardware options: RFID transponder
- Software options: Open GATT licence
- Sensors
- Charging equipment (and power pack if not already part of the instrument)
- Optional special calibrations / configurations



	Enclosed in instrument	Necessary f. operation	Optional			
Dräger X-am 5800 "Flex" (Construction kit) Instrument with 1 to 4 sensors. With selectable special calibrations. Standard calibration of the Ex-sensor: Methane 0-100 %LEL Incl. alarm levels set to country specific standards.				3703850	304	1
Special calibration for sensors			•			
Customer specific configuration (alarm levels, gas concentrations, intervals, ...)			•			
Bluetooth (included, not available for selected countries)	•					
Open GATT license (3rd partner communication option)			•			1
RFID chip			•			1
Calibration certificate online available: www.draeger.com/productioncertificates			•			
Manufacturer certificate online available on D.World			•			
The Instruction for Use can be downloaded here : https://www.draeger.com/ifu						
1st cluster IFU 9300307 DE, EN, ENUS, ES, FR, IT, JA, NL, PT, PTBR, RU, ZH_C 2nd cluster 9300428 IFU BG, CS, DA, EL, ET, FI, HR, HU, KK, KO, LT, LV, NO, PL, RO, SK, SL, SV, TR, UK, VI	•					
Rechargeable NiMH T4 (2.0) battery		•	•	3703887	336	1

Gas Detection Technology

Portable Gas Detection Instruments

Description	Enclosed in instrument	Necessary f. operation	Optional	Order Code	Product Category	Packing unit
Dräger X-am 5800 Basic Instrument incl. Bluetooth & IFU (1st cluster), w/o: sensors, NiMH T4 (2.0) rech. Battery, RFID chip, Calibration certificate (www.draeger.com/productioncertificates)				3703888	304	1
Sensors (1-4 sensors selectable)						
CatEx SR (0-100% LEL)*				6851900	364	1
PID HC neo*				6800417	364	1
XD-IR EX*				6800202	364	1
XD-IR CO₂*				6800203	364	1
XD-IR EX/CO₂*				6800201	364	1
* 3 years warranty						
Bluetooth®						
communication protocol for integration into third-party systems (openGATT licence) (Used for activation in PC software CC V						
Dräger X-am Open GATT licence Amount of licenses chooseable				3723353	337	1
Power packs and charging set						
NiMH supply unit T4 (2.0)				3703887	336	1
Charging set Basic: charging module and a plug-in power supply 8316997 (worldwide)				8320333	336	1
Battery and charging set (2.0): NiMH T4 (2.0) rech. battery and charging module with power supply.				3703889	336	1
Other Accessoires						
Transponder reader (for reading RFID chip)				6559283	541	1
Set of stickers X-am 2800/5800 silver (10x)				3703852	336	1
Set of stickers X-am 2800/5800 red (10x)				3703853	336	1
Set of stickers X-am 2800/5800 blue (10x)				3703854	336	1
Set of stickers X-am 2800/5800 yellow (10x)				3703855	336	1
Set of stickers X-am 2800/5800 green (10x)				3703856	336	1
Set display protection cover X-am 2800/5800 (10x)				3703857	336	1
Set Upgrade RFID-Transponder (5x)				3703898	336	1
Seal ring extractor (for changing XXS sensors). (Selected sensors are supplied with a similar tool ex works).				R21402	971	1
Spare Parts						
If you need any Spare Parts, please order the following Spare parts list. Dräger X-am 2800/5800						

Gas Detection Technology

Portable Gas Detection Instruments

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Description	Order Code	Product Category	Packing unit
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Multi Gas detection Instruments Dräger X-am® 5000

The Dräger X-am 5000 is a small lightweight 1-5 Gas Detection Instrument, which is specially designed for the requirements for personal monitoring. It can be equipped with one catalytic Ex-sensor and three electrochemical sensors at maximum. In combination with an electrochemical double sensor a simultaneous measurement of up to 5 gases is possible. This guarantees a reliable monitoring of the ambient air to explosive gases and vapours as well as O₂ and toxic gases.

In order to accommodate a wide range of customer requirements each Dräger X-am 5000 is assembled immediately before delivery according to the customer specifications.

An order for a complete Instrument consists of:

- Instrument
- Power pack
- Sensors
- Optional special calibrations/settings



	Enclosed in instrument	Necessary f. operation	Optional			
Dräger X-am 5000 (Construction kit) Unlimited 1 - 5 gas instrument with exchangeable sensors. At least one sensor or power pack must be chosen. With selectable special calibrations and settings. Standard calibration of the Ex-sensor: Methane. Incl. adjustable alarm levels to country specific standards				8320000	305	1
Event- and Data logger	•					1
Special calibrations for sensors	•					1
Special configuration (settings on customer request)			•			1
Manufacturer Certificate online available on D.World & Calibration Certificate (online available: https://www.draeger.com/productioncertificates)						
Selection of the IFU quantity per order			•			
Dräger X-am 5000 Basic Instrument without sensors and power supply				8320088	305	1

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Gas Detection Technology

Portable Gas Detection Instruments

Description	Order Code	Product Category	Packing unit
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Enclosed in instrument
 Necessary f. operation
 Optional

Power Packs, selectable						
Rechargeable NiMH T4 2.0 power supply			•	3703887	336	1
Sensors (1-4 sensors selectable)						
CatEx 125 PR				6812950	364	1
CatEx 125 PR - Gas				6813080	364	1

For additional sensors please have a look at the sensor price list.

Additional Power Supplies						
Power pack & charging set Consisting of: NiMH-power pack T4, charging module, single charger (worldwide) for 1 charging module				3703889	336	1
Charging Set Basic Consisting of: charging module, single charger (worldwide) for 1 charging module				8320333	336	1

Spare Parts

If you need any Spare parts please order the following Spare parts list.

Dräger X-am 5x00

E 4638.210

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Gas Detection Technology

Portable Gas Detection Instruments

Description	Order Code	Product Category	Packing unit
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Multi Gas detection Instruments Dräger X-am® 5600

The Dräger X-am 5600 is a small lightweight 1-6 Gas Detection Instrument, which is specially designed for the requirements of personal monitoring. It can be equipped with one infrared sensor and three electro- chemical sensors at maximum. In combination with one of electrochemical double sensors and the IR double sensor a simultaneous measurement of up to 6 gases is possible. This guarantees a reliable monitoring of the ambient air to explosive gases and vapours as well as O₂ and other toxic gases.

In order to accommodate a wide range of customer requirements each Dräger X-am 5600 is assembled immediately before delivery according to the customer specifications.

An order for a complete Instrument consists of:

- Instrument
- Power pack
- Sensors
- Optional special calibrations



	Enclosed in instrument	Necessary f. operation	Optional			
Dräger X-am 5600 (Construction kit) Unlimited 1- 6 instrument with exchangeable Sensors. At least one sensor or power pack must be chosen. Standard calibration of the Ex-sensor: Methane incl. adjustable alarm levels to country specific standards				8321050	305	1
Event- and data logger	•	•		PR00000		1
Special calibrations for sensors			•	PR00005		1
Special configuration (alarm levels customer request)	•			PR00004		1
Manufacturer Certificate online available on D.World & Calibration Certificate (online available: https://www.draeger.com/productioncertificates)						
Selection of the IFU quantity per order			•	PR00000		
Dräger X-am 5600 Basic Identical to Dräger X-am 5600, instrument without sensors and power supply				8321373	305	1

Gas Detection Technology

Portable Gas Detection Instruments

Description	Order Code	Product Category	Packing unit
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Enclosed in instrument
Necessary f. operation
Optional

Power Packs, selectable						
Rechargeable NiMH T4 2.0 power supply			•	3703887	336	1
Sensors (1-4 sensors selectable)						
DrägerSensor Dual IR Ex/CO ₂ ES				6851880	364	1
DrägerSensor IR Ex ES				6851881	364	1
DrägerSensor IR CO ₂ ES				6851882	364	1

For additional sensors please have a look at the sensor price list.

Additional Power Supplies						
Power pack & charging set 2.0 Consisting of: NiMH-power pack T4 2.0, charging module, single charger (worldwide) for 1 charging module				3703889	336	1
Charging Set Basic Consisting of: charging module, single charger (worldwide) for 1 charging module				8320333	336	1

Spare Parts

If you need any Spare Parts please order the following Spare parts list. E 4638.210
Dräger X-am 5x00

Gas Detection Technology

Portable Gas Detection Instruments

Description	Order Code	Product Category	Packing unit
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Accessories for Dräger X-am® 2500/ 2800 / 5800 / 5000/5100/5600



Power Packs & charging sets for Dräger X-am 2800, 5800, 2500, 5000, 5100, 5600

Rechargeable NiMH T4 2.0	3703887	336	1
Power pack & charging set 2.0	3703889	336	1
Charging set Basic	8320333	336	1

Power Packs only for Dräger X-am 2500, 5000, 5100, 5600

Battery holder ABT 0100 (without batteries)	8322237	336	1
Alkaline batteries T3 (2 pcs.) for battery holder ABT 0100	8322239	336	1
Rechargeable NiMH T3 battery (1 pcs) (not potted), for battery holder 8322237	8319426	336	1

Power pack & charging set

Charging Set Basic Consisting of: 1x charging module, 1x single charger (worldwide) for 1x charging module (w/o battery)	8320333	336	1
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Charging accessories

Battery Charging Adapter (to charge a battery w/o instrument) for 8318704 (in combination with charging module 8318639)	8326101	336	1
Charging module	8318639	336	1
Single charger (worldwide) for max. 1 charging module	8316997	336	1
Single charger (worldwide) for max. 5 charging modules	8316994	336	1
Power supply 24V DC/6,25 (ODU jack) for up to 20 charging modules 8318639 (charging adapter 8325736 necessary)	8321850	336	1
Charging Adapter (for ODU jack)	8325736	336	1
Car charging connection 12V / 24V	4530057	336	1
Vehicle charger mounting kit for one charging module incl. strap	8318779	336	1
Spare strap for vehicle charger mounting kit	8318788	336	1

Gas Detection Technology

Portable Gas Detection Instruments

Description	Order Code	Product Category	Packing unit
X-am Pump & Accessories (not suitable for Dräger X-am 2000, 5100)			
Dräger X-am Pump with USB cable	8327100	336	1
Dräger X-am Pump with USB cable & charger, shoulder strap	8327115	336	1
CSE Set Dräger X-am Pump, USB cable & charger, Case with pump, 5 m FKM hose, float probe, shoulder strap	8327117	336	1
Shoulder strap for X-am pump & X-am pump 125 (Spare)	8319386	336	1
Leather case for Dräger X-am device incl. X-am pump	8327103	336	1
Case small, for Dräger X-am Pump, incl. shoulder strap	8327104	336	1
Filter set with 3mm & 5mm hose adapters	8319364	393	1
Filter for X-am device & pump & X-dock (20 x 8319359)	3705997	956	1
USB charger for X-am pump	8327102	336	1
USB cable (Spare)	8327108	336	1
Spare Parts			
If you need any Spare Parts please order the following Spare parts list.			
Dräger X-am Pump	E 4638.270		

Gas Detection Technology

Portable Gas Detection Instruments

Description	Order Code	Product Category	Packing unit
Calibration Accessories			
Calibration cradle Dräger X-am 1/2/5000	8318752	332	1
Dräger Bump Test Station Dräger X-am 1/2/5000 w/o gas cylinder	8319131	332	1
Dräger Bump Test Station Dräger X-am 1/2/5000 compl. with one test gas cylinder (please mention in the order):	8319130	332	1
- 10 ppm NO ₂ , 50 ppm CO, 2.5 Vol.-%CH ₄ , 18 Vol.-%O ₂ (58 L)	6813103	953	1
- 15 ppm H ₂ S, 50 ppm CO, 2.5 Vol.-% CH ₄ , 18 Vol.-% O ₂	6811130	953	1
- 15 ppm H ₂ S, 2 Vol.-% CO ₂ , 2.5 Vol.-% CH ₄ , 18 Vol.-% O ₂	6811131	953	1
- 15 ppm H ₂ S, 50 ppm CO, 2 Vol.-% CO ₂ , 2.5 Vol.-% CH ₄ , 18 Vol.-% O ₂	6811132	953	1
- 15 ppm H ₂ S, 50 ppm CO, 2 Vol.-% CO ₂ , 0.45 Vol.-% n-C ₅ H ₁₂ , 18 Vol.-% O ₂	6811835	953	1
- 15 ppm H ₂ S, 50 ppm CO, 2 Vol.-% CO ₂ , 0.4 Vol.-% C ₃ H ₈ , 18 Vol.-% O ₂	6812778	953	1
- 50 ppm CO, 2 Vol.-% CO ₂ , 2.5 Vol.-% CH ₄ , 18 Vol.-% O ₂	6811905	953	1
- 0.9 Vol.-% C ₃ H ₈ /air	6811118	953	1
- 0.9 Vol.-% C ₃ H ₈ , 18 Vol.-% O ₂ /N ₂	6812152	953	1
- 0.4 Vol.-% n-C ₅ H ₁₂ , 18 Vol.-% O ₂ /N ₂	6812153	953	1
- 15 ppm H ₂ S, 50 ppm CO, 2.5 Vol.-% CH ₄ , 18 Vol.-% O ₂ (112 L)	6812375	953	1
- 15 ppm H ₂ S, 2 Vol.-% CO ₂ , 2.5 Vol.-% CH ₄ , 18 Vol.-% O ₂ (112 L)	6812376	953	1
- 15 ppm H ₂ S, 50 ppm CO, 2 Vol.-% CO ₂ , 2.5 Vol.-% CH ₄ , 18 Vol.-% O ₂ (112 L)	6812377	953	1
Nonane checker for Dräger X-am 1/2/5000	8320080	953	1
Calibration adapter (rubber) only fits for X-am 2/25/50/5600	8319195	336	1
Dräger X-dock 5300 X-am 125 Set consisting of one master (3 gases), one instrument module for the instruments Dräger X-am 125 and one power supply (8321849) Limited to 1 module	8321880	332	1
Communication Accessories			
Dräger GasVision Licence key	8325646	337	1
Dräger CC-Vision Basic Free of charge available at the Internet www.draeger.com			
USB DIRA with USB cable for Dräger-X-am 1/2/5000, Dräger X-am 8000/3500 communication adapter Infrared to USB	8317409	332	1
Barcode scanner CINO GS1 Serie F780	8318792	336	1
Case & Bags			
Leather carrying bag for X-am device	8318755	336	1
Case big, black (w/o products) with special designed insert cut-outs for X-am Pump, power supply, probe, hoses, gas cylinder	8327112	336	1
Rubber boot only fits for X-am 2/25/50/5600	8321506	336	1

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Gas Detection Technology

Portable Gas Detection Instruments

Description	Order Code	Product Category	Packing unit
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Gateway Dräger ConHub®

The Dräger ConHub optimizes your daily work in a simple way. It transmits measured values and alarms from the Dräger X-zone 5X00 area monitor via Modbus cable as well as data from up to 20 X-am 2800/ 5800 and Pac devices with Bluetooth® function to the Dräger Gas Detection Connect cloud solution.



Dräger ConHub

Consisting of: Power supply (LiFePO4 battery) and short instruction, without charger	3729600	398	1
Charging Accessories			
Charger Set ConHub	3729611	336	1
Ext. battery charging adapter ConHub (possible to charge two batteries, additional charger set required)	3729653	336	1
Accessories			
Cable ConHub X-zone 5m	3729658	336	1
Cable ConHub X-zone 20m	3729657	336	1
Wall mount ConHub	3729660	336	1
Stand ConHub	3729650	336	1
Shoulder strap ConHub	on request	336	
Power Pack			
Battery ConHub	3729610	336	1

Disclaimer: Some parts are not yet available. Please contact Dräger to get more information

Gas Detection Technology

Portable Gas Detection Instruments

Description	Order Code	Product Category	Packing unit
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Area monitoring

Dräger X-zone® 5500 / 5800

The Dräger X-zone 5500 and 5800 transform the Dräger personal gas detection instruments X-am 5000, 5100 and 5600 into area monitoring devices. In combination with the new Gateway Dräger ConHub, advanced area monitoring is enabled.

Included in delivery is depending on the chosen part number a battery pack or a battery pack and a pump, as well as the instruction for use. Optional selectable is radio-communication "off".

A Dräger X-am 5x00 is not included.

An order for a complete instrument consists of:

- Dräger X-zone 5500 or 5800 instrument
- Charging accessory
- Optional radio-communication "off"



Dräger X-zone® 5500 / 5800

Radio approval for Europe (Turkey, South Africa, Singapore)

Dräger X-zone 5500 868 MHz, 24 Ah	8324819	333	1
Dräger X-zone 5800 868 MHz, 24 Ah, Pump	8329030	333	1

Radio approval for North America (USA, Canada, Australia, New Zealand)

Dräger X-zone 5500 915 MHz, 24 Ah	8324823	333	1
Dräger X-zone 5800 915 MHz, 24 Ah, Pump	8329040	333	1

Radio approval for Kazakhstan

Dräger X-zone 5500 433 MHz, 24 Ah	8324811	333	1
Dräger X-zone 5800 433 MHz, 24 Ah, Pump	8329020	333	

Radio approval for Japan

Dräger X-zone 5800 922 MHz, 24 Ah, Pump	3732050	333	1
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Radio approval for Malaysia

Dräger X-zone 5800 433 MHz, 24 Ah, Pump	8329020	333	1
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Power Supply Ex

Power Supply Ex 230V (w/o power cord)	8329000	333	1
Power Supply Ex 110V (w/o power cord)	8329010	333	1
Power cord EU	8329180	336	1
Power cord UK	8325392	336	1
Power cord AUS	8325393	336	1
Power cord USA	8329049	336	1

Gas Detection Technology

Portable Gas Detection Instruments

Description	Order Code	Product Category	Packing unit
Charging Accessories			
plug in charger (worldwide) for X-zone 5x00	8320749	336	1
Inductive charger with power supply			
For USA, Japan	8322076	336	1
For UK	8322077	336	1
For China, Australia	8322078	336	1
For India	8322079	336	1
For Europe, Russia	8322080	336	1
For South Africa	3737638	336	1
Accessories			
Kit diffusion cover (additional with pump instruments)	8323935	336	1
Kit pump cover	8323936	336	1
Kit cover for X-am 5100 (only for diffusion)	8323938	333	1
RS 485 cable 25 m	8321669	336	1
Alarm damper	8320110	336	1
Socket	8320645	336	1
Power Supply Ex Cover	3727574	336	1
Power Packs			
Rechargeable battery big 24 Ah	8322921	393	1
Pump Accessories			
Spare set filter	8319364	393	1
Spare set filter connector (X-zone 5500)	8328308	393	1
Hose set with filter (water trap, 10 cm Viton hose, water- and dust filter)	8321527	956	1
FKM-hose	1203150	956	1M
Water trap	6805473	954	100

Please find additional information regarding probes and Hoses in the accessories price list.

Gas Detection Technology

Portable Gas Detection Instruments

Description	Order Code	Product Category	Packing unit
Calibration Accessories			
Bump test adapter X-zone 5x00 , For gassing the X-am instrument inside the Dräger X-zone 5x00	8323314	336	1
Communication Accessories			
Dräger CC-Vision Basic Replaces the previous CC-Vision Standard. Free of charge available in the Internet www.draeger.com			
USB DIRA with USB cable	8317409	332	1
Connector male (X-zone) for Modbus cable	8324370	336	1
Connector female (X-zone) for Modbus cable	8324371	336	1
X-zone Com Accessories			
Revaluate SIM Card (150 Euro / service charge)	8326896	333	1
Power supply X-zone Com	8324374	336	1
Set straps for X-zone Com	8324377	333	1
Set rubber feet with clamps for X-zone	8324384	333	1
Magnetic pen	4544101	348	1
Spare Parts			
If you need any spare parts please order the following spare parts list.			
Dräger X-zone 5x00	4638.520		

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Gas Detection Technology

Portable Gas Detection Instruments

Description	Order Code	Product Category	Packing unit
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Multi Gas detection Instruments

Dräger X-am® 3500

The Dräger X-am 3500 was especially designed for clearance measurements. The 1 to 4 gas detector reliably detects flammable gases and vapours as well as O₂, CO, H₂S, NO₂ or SO₂. The innovative signalling design and extensive range of accessories ensure optimum safety and easy handling.

Delivery content:

Internal Pump with pump adapter

Rechargeable Lithium Ion Battery

Crocodile Clip

Instruction for use (de, en, fr, es, pt, it, nl, ru, zh, ja)

Event- and data logger



Dräger X-am® 3500

Instrument with exchangeable sensors but not expandable.

Standard calibration of the Ex-sensor: Methane 0-100 % LEL;

Incl. default (factory) sensor settings.

Dräger X-am 3500 Ex, O ₂	8328412	334	1
Dräger X-am 3500 Ex, O ₂ , H ₂ S LC	8328414	334	1
Dräger X-am 3500 Ex, O ₂ , CO LC	8328416	334	1
Dräger X-am 3500 Ex, O ₂ , CO LC, H ₂ S LC	8328418	334	1
Bundle Dräger X-am 3500 4 Gas incl. charging equipment Dräger X-am 3500 Ex, O ₂ , CO LC, H ₂ S LC 8328418 incl. inductive power unit 8325825 and power supply 8316997	8328419	334	1
Dräger X-am 3500 Ex, O ₂ , CO LC, NO ₂	8328422	334	1
Dräger X-am 3500 Ex, O ₂ , H ₂ S LC, SO ₂	8328424	334	1
Dräger X-am 3500 Basic with Pump Incl. Li Ion battery and pump, w/o sensors	8328420	334	1
Instruction for Use (Language 2) (bg; cs; da; el; fi; hr; hu; ko; no; pl; ro; sk; sl; sv; tr)	9033668	334	1

Gas Detection Technology

Portable Gas Detection Instruments

Description	Order Code	Product Category	Packing unit
Sensors			
DrägerSensor CatEx 125 PR*	6812950	364	1
DrägerSensor XXS O ₂ *	6810881	368	1
DrägerSensor XXS CO LC*	6813210	368	1
DrägerSensor XXS H ₂ S LC*	6811525	368	1
DrägerSensor XXS NO ₂	6810884	368	1
DrägerSensor XXS SO ₂	6810885	368	1
* 3 years manufactures warranty			
Charging Accessories			
Inductive power unit (charging 1 device)	8325825	336	1
Power supply (worldwide) (1 device)	8316997	336	1
Power supply (worldwide) (up to 5 devices)	8316994	336	1
Power supply* (worldwide) (up to 5 devices) *Adapter 8325736 necessary	8321849	336	1
Power supply* (worldwide) (up to 20 devices*) *Adapter 8325736 necessary	8321850	336	1
Charging Adapter to connect power supplies like 8321850 (20) or 8321849 (5) or 8321855 (5) with e.g. Inductive power unit 8325825	8325736	336	1
Bundle Car mounting unit incl. Car adapter 12V/24V and Head adapter (8321855, 8327636, 8325736)	8328283	336	1
Car adapter* 12V/24V (up to 5 devices) *Adapter 8325736 necessary	8321855	336	1
Car mounting unit (for 1 Inductive power unit)	8327636	336	1
Pump Accessories			
Pump adapter (delivery content with pump)	8326820	336	1
Pump adapter Nonane	3720225	336	1
Dust – and water filter incl. Luer adapter	8319364	956	1
Dust – and water filter X-am device (20 pcs x 8319359)	3705997	956	1
5 m FKM hose ID 3,2 mm with adapter	8325705	956	1
10 m FKM hose ID 3,2 mm with adapter	8325706	956	1
20 m FKM hose ID 3,2 mm with adapter	8325707	956	1
Float probe black EPP, incl. 3 m FKM hose ID 3,2 mm	8325831	956	1
Float probe black EPP, incl. 10 m FKM hose ID 3,2 mm	8325832	956	1
Telescopic probe ES 150	8316533	956	1

For further probes please have a look at the multiple use Accessories price list

Gas Detection Technology

Portable Gas Detection Instruments

Description	Order Code	Product Category	Packing unit
Calibration Accessories			
Calibration adapter	8326821	332	1
Calibration adapter 2.0 (Nonane)	3720224	336	1
Dräger X-dock Modul X-am 3500/8000	8321893	332	1
Dräger X-dock Modul X-am 3500/8000+ (charged)	8321894	332	1
Nonane checker X-am 3500/8000	8325861	336	1
Communication Accessories			
Dräger GasVision Licence key	8325646	332	1
Dräger CC-Vision Basic Free of charge available at the Internet www.draeger.com			
USB DIRA with USB cable for Dräger-X-am 1/2x/5x00, 3500 X-am 8000; communication adapter Infrared to USB	8317409	332	1
DIRA Holder X-am 3500/8000	8325859	336	1
Accessories			
For further accessories please look at X-am 8000 accessories.			
Spare parts			
Li-Ion battery incl. back cover	8326817	336	1
Front cover incl. membranes	8328604	393	1

If you need any Spare Parts please order the following Spare parts list.
 Dräger X-am 3500

E 4836.350

Gas Detection Technology

Portable Gas Detection Instruments

Description	Order Code	Product Category	Packing unit
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Multi Gas detection Instruments Dräger X-am® 8000

The Dräger X-am 8000 is a smart and lightweight 1-7 Gas Detection Instrument, which is specially designed for the requirements of clearance measurements for confined space entry and leak search. It can be equipped with an internal pump. Furthermore, a broad combination of infrared sensor, catalytic, PID and electrochemical sensors are possible. A simultaneous measurement of up to 7 gases guarantees a reliable monitoring of the ambient air to explosive gases and organic vapours as well as O₂ and other toxic gases.

In order to accommodate a wide range of customer requirements each Dräger X-am 8000 is assembled immediately before delivery according to the customer specifications ("Assemble to Order").

An order for a complete instrument consists of:

- Instrument incl. power pack, shoulder strap
- opt. charging accessory
- opt. pump incl. adapter
- opt. sensors IR / CAT / PID / EC
- opt. special calibrations
- opt. customer configuration



	Enclosed in instrument	Necessary f. operation	Optional	Order Code	Product Category	Packing unit
Dräger X-am 8000 (Construction kit) Incl. adjustable alarm levels to country specific standards At least one sensor must be chosen.				8325800	334	1
Rechargeable Lithium Ion battery	•	•				1
Inductive charging unit	•	•	•			1
Power supply	•	•	•			1
Shoulder strap	•					1
Selection of the IFU quantity per order	•		•			1
Instruction for use (DE, EN, ENUS, ES, FR, IT, JA, NL, PT, PTBR, RU, ZH_C)	•					1
Event- and data logger	•					1
Manufacturer Certificate online available on D.World & Calibration Certificate (online available: https://www.draeger.com/productioncertificates)						
Instruction for use (further languages) (BG, CS, DA, EL, FI, HR, HU, KK, KO, NO, PL, RO, SK, SL, SV, TR)				9033656		1

Gas Detection Technology

Portable Gas Detection Instruments

Description	Enclosed in instrument	Necessary f. operation	Optional	Order Code	Product Category	Packing unit
Special calibrations for sensors			•			1
Special configurations (alarm levels customer request etc.)			•			1
Internal Pump with pump adapter			•			1
Crocodile clip			•			1
RFID chip			•			1
Bluetooth			•			1
Dräger X-am 8000 Basic Diffusion Identical to Dräger X-am 8000 incl. Li-Ion battery, shoulder strap. Without pump, sensors, inductive power unit, power supply.				8325865	334	1
Dräger X-am 8000 Basic Pump Identical to Dräger X-am 8000 incl. Li-Ion battery, pump , pump adapter, shoulder strap. Without sensors, inductive power unit, power supply.				8325875	334	1
Sensors (1-5 Sensors selectable) max. 7 gases						
DrägerSensor Dual IR Ex/CO ₂ ES				6851880	364	1
DrägerSensor Dual IR Ex/CO ₂ HC (no combination with PID sensor possible)				6800276	364	1
DrägerSensor IR CO ₂ ES				6851882	364	1
DrägerSensor IR Ex ES				6851881	364	1
DrägerSensor CatEx 125 PR				6812950	364	1
DrägerSensor CatEx 125 PR Gas				6813080	364	1
DrägerSensor PID LC ppb *				6813500	364	1
DrägerSensor PID HC *				6813475	364	1

*Spare part set sensor absorber 3728959 necessary when retrofitting PID sensor

For additional sensors please have a look at the sensor price list.

Gas Detection Technology

Portable Gas Detection Instruments

Description	Enclosed in instrument	Necessary f. operation	Optional	Order Code	Product Category	Packing unit
Display protection foil (Ex approved) (3 pcs.)				8326828	336	3
Shoulder strap, compl. (delivery content)				8326823	336	1
Side carrying strap (extractable)	•			8323032	402	1
Labelholder for shoulder strap (delivery content)	•			8326824	336	1
Label for holder, silver (5 pcs.)				8327645	336	5
Label for holder, blue (5 pcs.)				8327646	336	5
Label for holder, yellow (5 pcs.)				8327649	336	5
Label for holder, red (5 pcs.)				8327647	336	5
Label for holder, green (5 pcs.)				8327648	336	5
Base, to raise the device for Area Monitoring				8325874	336	1
RFID transponder reader				6559283	541	1
RFID transponder tag				8326814	393	1
Pre tube holder				6813769	336	1
Pre tube Benzene (10 pcs.)				8103511	321	10
Pre tube humidity (10 pcs.)				8103531	321	10
Pre tube carbon (10 pcs.)				CH24101	321	10
Tube opener TO 7000				6401200	311	1
PID lamp cleaning set (for sensor maintenance)				8319111	393	1
Pump Accessories						
Pump adapter (delivery content with pump)			•	8326820	336	1
Pump adapter Nonane				3720225	336	1
Dust – and water filter (delivery content with pump)			•	8319364	956	1
5 m FKM hose ID 3,2 mm with adapter				8325705	956	1
10 m FKM hose ID 3,2 mm with adapter				8325706	956	1
20 m FKM hose ID 3,2 mm with adapter				8325707	956	1
Float probe black EPP, incl. 3 m FKM hose ID 3,2 mm				8325831	956	1

Gas Detection Technology

Portable Gas Detection Instruments

Description	Enclosed in instrument	Necessary f. operation	Optional	Order Code	Product Category	Packing unit
Float probe black EPP, incl. 10 m FKM hose ID 3,2 mm				8325832	956	1
Float probe transparent with luer adapter				8327654	956	1
Telescopic probe ES 150				8316533	956	1
Probe GP600, incl. 1,5m hose and male adapter				8328667	956	1
For further probes please have a look at the multiple use Accessories price list						
Communication Accessories						
Dräger GasVision Licence key				8325646	332	1
Dräger CC-Vision Basic						
Free of charge available at the Internet www.draeger.com						
USB DIRA with USB cable for Dräger-X-am 2x/35/5x/7000/8000; communication adapter Infrared to USB				8317409	332	1
DIRA Holder X-am 8000				8325859	336	1
Software Solutions						
The information regarding the CSE Connect licenses can be found under the new heading "Software Solutions" in the respect						
Calibration Accessories						
Calibration adapter				8326821	336	1
Calibration adapter 2.0 (Nonane)				3720224	332	1
Dräger X-dock Modul X-am 8000				8321893	332	1
Dräger X-dock Modul X-am 8000+ (charged)				8321894	332	1
Nonane checker X-am 8000				8325861	336	1
Spare parts						
Li-Ion battery incl. back cover				8326817	336	1
Front cover incl. membranes				8326802	393	1
Spare part set Grip Clip				8319186	393	1
Belt, cpl. Dräger X-am 8000, X-act 7000				8326823	336	1
Spare set bow for belt fastening				8326819	393	1
Spare part kit Lock + Belt (L=85)				3704552	393	1

If you need any Spare Parts please order the following Spare parts list. Dräger X-am 8000

E 4836.301

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Gas Detection Technology

Portable Gas Detection Instruments

Description	Order Code	Product Category	Packing unit
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Multi Gas Scanner

Dräger X-pid® 9500 / 9500+ (configurable BOM)

The Dräger X-pid 9500 detects volatile organic substances such as benzene even at the lowest concentrations. To determine the concentration of certain hazardous substances, the device combines two measuring modes and thus optimally supports measuring strategies for clearing hazardous areas or confined spaces. The “Seeker” measuring mode determines the total concentration of volatile organic hydrocarbons in the ambient air in a broadband measurement. In “Analysis” mode, the instrument selectively and precisely measures target substances that the user selects in advance.



To simplify the ordering process, a configurable sales BOM was created.

	Enclosed in instrument	Necessary f. operation	Optional			
Dräger X-pid 9500/9500+ (configurable BOM)				3729700	306	1
Selectable devices:						
Dräger X-pid 9500 consisting of sensor unit and country specific control unit		•		6850011	306	1
		•		6850023 (EU+USA)		
				6850072 (BR)		
				6850075 (JP)		
Dräger X-pid 9500+ consisting of sensor unit and country specific control unit				6850011	306	1
				3729690 (EU+USA)		
				3729692 (BR)		
				3729695 (JP)		
The sensor unit includes carrying strap, water and dust filter, gassing adapter and charger (Japanese version contains charging cable only).						
Cradle CU 2.0 Dräger X-pid	•			6850066	306	1
Belt clip CU 2.0 Dräger X-pid	•			6850077	306	1
Case for Dräger X-pid (w/o products)			•	6851851	336	1
GasVision license key			•	8325646	337	1

Calibration accessories (all items selectable)

			•			
10 ppm C ₄ H ₈ , 10 ppm C ₇ H ₈ /N ₂				6814046	953	1
5 ppm C ₆ H ₆ /N ₂				6814050	953	1
Control valve basic 0.5 LPM				6810397	953	1
Control valve, stainless steel, 0.5 L/min				6813104	953	1

Gas Detection Technology

Portable Gas Detection Instruments

Description	Order Code	Product Category	Packing unit
Enclosed in instrument Necessary f. operation Optional			
Pump accessories (all items selectable)			
Float probe (w/o hose)	6802337	956	1
Float probe, 5cm hose + connector 5mm	8327654	956	1
Float probe EPP (3 mm), 3 m hose	8325831	956	1
Rod probe 90, w/ instructions for use	8316532	956	1
Rod probe 400	8317188	956	1
Telescopic probe ES 150	8316533	956	1
Spare set dust/water filter	8319364	393	1
Filter kit 20 pcs.	3705997	956	1
Software Upgrade for Dräger X-pid 9500 +			
Update for X-pid 9500 sensor units (6850011) to X-pid 9500+ versions Software upgrade with new App functions, like lower concentrations and better peak fitting, stationary mode, or improved data export functionality	3729699	306	1
Dräger X-pid 9500			
Measurement device for the measurement of VOCs - various VOCs selectively Consisting of: sensor unit and power supply, shoulder strap, 2 water and dust filter, gassing adapter and control unit with preinstalled Mobile App, power supply and charging cable	6851848	306	1
Dräger X-pid 9500 BR			
Measurement device for the measurement of VOCs - various VOCs selectively Consisting of: sensor unit and power supply, shoulder strap, 2 water and dust filter, gassing adapter and control unit (BR) with preinstalled Mobile App, power supply and charging cable	6850068	306	1
Dräger X-pid 9500 CN			
Measurement device for the measurement of VOCs - various VOCs selectively Consisting of: sensor unit and power supply, shoulder strap, 2 water and dust filter, gassing adapter and control unit (CN) with preinstalled Mobile App, power supply and charging cable	6850069	306	1
Dräger X-pid 9500 JP			
Measurement device for the measurement of VOCs - various VOCs selectively Consisting of: sensor unit and power supply, shoulder strap, 2 water and dust filter, gassing adapter and control unit (JP) with preinstalled Mobile App, w/o power supply, with charging cable	6850071	306	1

Gas Detection Technology

Portable Gas Detection Instruments

Description	Order Code	Product Category	Packing unit
Sensor unit X-pid 9500 kit Consisting of: sensor unit and power supply, shoulder strap, 2 water and dust filter, gassing adapter	6850011	306	1
Control unit X-pid x500+ 2.0 EU and US with preinstalled Mobile App, power supply and charging cable	3729690	306	1
Control unit X-pid x500+ 2.0 BRA with preinstalled Mobile App, power supply and charging cable	3729692	306	1
Control unit X-pid x500+ 2.0 JP with preinstalled Mobile App, power supply and charging cable	3729695	306	1

Software Solutions

The information regarding GasVision can be found under the new heading "Software Solutions" in the respective price list.

The following accessories are approved to be used with X-pid®

Hoses with 5 mm inner diameter

FKM hose (color black, solvent resistant), max. order length 50 meter	1203150	956	1 meter
PTFE-lined Tygon hose, 3 meters	8326980	956	1
PTFE-lined Tygon hose, spool of 15 meters	4594679	956	1

Hoses with 3 mm inner diameter

FKM hose (color black, solvent resistant), max. order length 100 meter	8325837	956	1
FKM hose (color black, solvent resistant), 5 meter incl. adapters	8325705	956	1
FKM hose (color black, solvent resistant), 10 meter incl. adapters	8325706	956	1
FKM hose (color black, solvent resistant), 20 meter incl. adapters	8325707	956	1

Probes

Float probe (w/o hose)	6802337	956	1
Float probe with 5 cm hose and 5mm luer female adapter	8327654	956	1
Telescopic probe ES 150	8316533	956	1
Bar probe 90, with accessories	8316532	956	1
Bar probe 400	8317188	956	1
Float probe (incl. 3 m FKM hose with 3 mm inner diameter)	8325831	956	1

Adapters

Spare set filter X-am I25 pump/X-dock, consisting of 1x water and dust filter, 1x hose connector for pump, 1x Adaptor male	8319364	393	1
Gassing adapter Dräger X-pid, to be used for bump tests and calibrations	6851850	393	1

Spare Parts

If you need any spare parts, please order the following spare parts list. E 4639.100
Dräger X-pid 9000/9500

Disclaimer: Some parts are not yet available. Please contact Dräger to get more information.

Gas Detection Technology

Portable Gas Detection Instruments

Description	Measuring Range	Order Code	Prod Cat	PU
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DrägerSensors®

The portable gas detection instruments can be assembled with different DrägerSensors.

The DrägerSensors' instructions for use can be downloaded in electronic form from the database for technical documentation (www.draeger.com/ifu). To do this, enter the part number or product name in the search dialogue.



		Guarantee* Month	Dräger X-am 2800	Dräger X-am 5800	Dräger X-am 2500	Dräger X-am 5000	Dräger X-am 5600	Dräger X-am 7000	Dräger X-am 3500	Dräger X-am 8000	Dräger X-am 5100	Dräger Pac 6000, 6500	Dräger Pac 8000	Dräger Pac 8500			
PID Sensors																	
PID HC	0 - 2000 ppm	12								•					6813475	364	1
PID LC ppb	0 - 10 ppm	12								•					6813500	364	1
PID HC neo	0 - 2000 ppm	12		•											6800417	364	1
Set PID HC neo incl. sensor damper	0 - 2000 ppm	12													3703907	364	1
Infrared Sensors																	
Dual IR Ex/CO ₂ ES	0 - 100 Vol.-% CH ₄ 0 - 100 %LEL 0 - 5 Vol.-% CO ₂	60					•			•					6851880	364	1
IR Ex ES	0 - 100 Vol.-% CH ₄ 0 - 100 %LEL	60					•			•					6851881	364	1
IR CO ₂ ES	0 - 5 Vol.-% CO ₂	60					•			•					6851882	364	1
Dual IR Ex/CO ₂ HC	0 - 100 Vol.-% CH ₄ 0 - 100 %LEL 0 - 100 Vol.-% CO ₂	60								•					6800276	364	1

Gas Detection Technology

Portable Gas Detection Instruments

Description	Measuring Range									Order Code	Prod Cat	PU				
		Guarantee* Month	Dräger X-am 2800	Dräger X-am 5800	Dräger X-am 2500	Dräger X-am 5000	Dräger X-am 5600	Dräger X-am 7000	Dräger X-am 3500	Dräger X-am 8000	Dräger X-am 5100	Dräger Pac 6000, 6500	Dräger Pac 8000	Dräger Pac 8500		
Catalytic Bead Sensors																
CatEx SR	0 - 100 %LEL or 0 - 100 Vol.-% CH ₄	36	•	•										6851900	364	1
CatEx 125 PR	0 - 100 %LEL or 0 - 100 Vol.-% CH ₄	36			•	•			•	•				6812950	364	1
CatEx 125 PR Gas	0 - 100 %LEL or 0 - 100 Vol.-% CH ₄	36			•	•				•				6813080	364	1
CatEx H ₂ 100	0 - 100 %LEL H ₂ or 0 - 100 Vol.-% H ₂ 0 - 40,000 ppm H ₂									•				3729050	364	1
DrägerSensors XXS																
CO LC	0 - 2000 ppm	36	•	•	•	•	•		•	•		•		6813210	368	1
H ₂ S LC	0 - 200 ppm	36	•	•	•	•	•		•	•		•		6811525	368	1
O ₂	0 - 25 Vol.-%	36	•	•	•	•	•		•	•		•		6810881	368	1
O ₂ 100	0 - 100 Vol.-%	12		•		•	•			•				6812385	368	1
O ₂ PR	0 - 30 Vol.-%	36	•	•	•	•	•			•				6800530	368	1
Cl ₂	0 - 20 ppm	12		•		•	•			•		•		6810890	368	1
CO HC	0 - 10000 ppm	12		•		•	•			•				6812010	368	1
CO ₂	0 - 5 Vol.-%	12		•		•	•			•		•		6810889	368	1
H ₂	0 - 2000 ppm	12		•		•	•			•				6812370	368	1
H ₂ HC	0 - 4 Vol.-%	12		•		•	•			•				6812025	368	1

*Manufacturer's guarantee

Gas Detection Technology

Portable Gas Detection Instruments

Description	Measuring Range											Order Code	Prod Cat	PU			
		Guarantee* Month	Dräger X-am 2800	Dräger X-am 5800	Dräger X-am 2500	Dräger X-am 5000	Dräger X-am 5600	Dräger X-am 7000	Dräger X-am 3500	Dräger X-am 8000	Dräger X-am 5100	Dräger Pac 6000, 6500	Dräger Pac 8000	Dräger Pac 8500			
H ₂ S HC	0 - 1000 ppm	12	•	•	•	•				•					6812015	368	1
HCN	0 - 50 ppm	12	•	•	•	•				•		•			6810887	368	1
HCN PC	0 - 50 ppm	12	•	•	•	•				•					6813165	368	1
NH ₃	0 - 300 ppm	12	•	•	•	•				•		•			6810888	368	1
NO	0 - 200 ppm	12	•	•	•	•				•		•			6811545	368	1
NO ₂	0 - 50 ppm	12	•	•	•	•			•	•					6810884	368	1
NO ₂ LC	0 - 50 ppm	12	•	•	•	•				•		•			6812600	368	1
OV	0 - 200 ppm	12	•	•	•	•				•		•			6811530	368	1
OV-A	0 - 200 ppm	12	•	•	•	•				•		•			6811535	368	1
PH ₃	0 - 20 ppm	12	•	•	•	•				•		•			6810886	368	1
PH ₃ HC	0 - 2000 ppm	12	•	•	•	•				•					6812020	368	1
SO ₂	0 - 100 ppm	24	•	•	•	•			•	•		•			6810885	368	1
Odorant	0 - 40 ppm	12	•	•	•	•				•					6812535	368	1
Amine	0 - 100 ppm	12	•	•	•	•				•					6812545	368	1
Phosgene	0 - 10 ppm	6	•	•	•	•				•		•			6812005	368	1
Ozone	0 - 10 ppm	12	•	•	•	•				•		•			6811540	368	1
CO H ₂ -CP	0 - 2000 ppm CO	12	•	•	•	•				•			•		6811950	368	1
O ₂ / CO LC	0 - 2000 ppm CO 0 - 25 Vol.-%	24	•	•	•	•				•			•		6813275	368	1
O ₂ / H ₂ S LC	0 - 100 ppm H ₂ S 0 - 25 Vol.-%	24	•	•	•	•				•			•		6814137	368	1
H ₂ S LC / CO LC	0 - 2000 ppm CO 0 - 100 ppm H ₂ S	24	•	•	•	•				•			•		6813280	368	1

*Manufacturer's guarantee

Gas Detection Technology

Portable Gas Detection Instruments

Description	Measuring Range											Order Code	Prod Cat	PU			
		Guarantee* Month	Dräger X-am 2800	Dräger X-am 5800	Dräger X-am 2500	Dräger X-am 5000	Dräger X-am 5600	Dräger X-am 7000	Dräger X-am 3500	Dräger X-am 8000	Dräger X-am 5100	Dräger Pac 6000, 6500	Dräger Pac 8000	Dräger Pac 8500			
DrägerSensors X-am 5100																	
H ₂ O ₂	0 - 20 ppm	12									•				6809170	368	1
HF/HCl	0 - 30 ppm	12									•				6809140	368	1
Hydrazine	0 - 3 ppm	12									•				6809190	368	1
DrägerSensors XS EC																	
CO	0 - 2000 ppm	36						•							6809105	368	1
H ₂ S 100	0 - 100 ppm	36						•							6809110	368	1
H ₂ S HC	0 - 1000 ppm	12						•							6809180	368	1
O ₂ -LS	0 - 25 Vol.-%	36						•							6809130	368	1
NO	0 - 200 ppm	12						•							6809125	368	1
SO ₂	0 - 100 ppm	12						•							6809160	368	1
NO ₂	0 - 50 ppm	12						•							6809155	368	1
COCl ₂	0 - 10 ppm	6						•							6808582	368	1
NH ₃	0 - 300 ppm	12						•							6809145	368	1
HCN	0 - 50 ppm	12						•							6809150	368	1
Cl ₂	0 - 20 ppm	12						•							6809165	368	1
Hydride	0 - 20 ppm	12						•							6809135	368	1
OV	0 - 200 ppm	12						•							6809115	368	1
H ₂	0 - 2000 ppm	12						•							6809185	368	1
H ₂ HC	0 - 4 Vol.-%	12						•							6811365	368	1

*Manufacturer's guarantee

Gas Detection Technology

Portable Gas Detection Instruments

Description	Order Code	Product Category	Packing unit
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Filters and Special Accessories

	DrägerSensor Smart PID	DrägerSensor PID HC / LC	DrägerSensor XXS	DrägerSensor XS EC	DrägerSensor XS-2	Catalytical Sensors	Infrared Sensors			
Selective filters										
Selective filter A2T (H ₂ S etc.) for CO sensor					•			6810378	368	1
Selective filter D3T (H ₂ S etc.) for CO sensor				•				6809022	368	1
Selective filter Set B2T (H ₂ S, SO ₂) for NO and Odorant sensor (5 pcs.)				•				6809198	368	1
Selective filter Set KIT (H ₂ S) for SO ₂ sensor (2 pcs.)				•				6851866	368	1
Selective filter KX (H ₂ S) for SO ₂ sensor			•					6811344	368	1
Selective filter Set B2X (H ₂ S, SO ₂) for Odorant and HCN / HCN PC sensor (5 pcs.)			•					6812424	368	1
Dust filter Set XS (10 pcs.)			•					6851865	368	1
Accessories for Physical Sensors										
Cleaning Set for UV lamp	•	•						8319111	393	1
Pre-tube holder for X-am 8000		•						6813769	336	1
Spare set sensor absorber for X-am 8000 (CatEx: red; IR: white; PID: magenta)		•			•	•		6813767	393	1
SP-Kit of 3sensor absorber NewPID		•						3728959	393	1
Set Sensor Damper CatEx SR/XD-IR for X-am 2800 and 5800					•	•		3703865	336	1
Set Sensor Damper PID X-am 5800		•						3703864	336	1
SP-Kit sensor absorber CatEx 125 FKM (X-am 8000)					•			3728962	393	1

Gas Detection Technology

Portable Gas Detection Instruments

Description	Order Code	Product Category	Packing unit
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Calibration Accessories

Dräger X-dock®

Scalable calibration and configuration station to perform bump tests, create reports & calibration certificates for the portable detectors and to administer the gas detector fleet. Compatible with Dräger X-am 125 series, X-am 3500/8000 series and Dräger Pac series.



Dräger X-dock Configurator

The configurator allows the assembly of a complete system including pressure reducers, hoses and fastening material.

The power supply (6.25 A) with part number 8321850 is always added to the system as a fix selection.

The modules and the master are completely assembled, tested and delivered "ex works" according to the order.

Attention: We have updated our model for the surcharges for the costs incurred during the assembly and testing of the system.

We charge a surcharge of €70,00 for the assembly and testing of the master with the first module and €25,00 for each additional module in the kit.



	8328300	332	1
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Dräger X-dock 5300 X-am® 125

Set consisting of one master (3 gases), one instrument module for the instruments Dräger X-am 125 and one power supply (83 21 849) Limited to 1 module



	8321880	332	1
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Dräger X-dock 5300 Pac®

Set consisting of one master (3 gases), one instrument module for the instruments Dräger Pac 3500 / 5500 and Dräger Pac 7000 and one power supply (83 21 849) Limited to 1 module

	8321881	332	1
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Dräger X-dock 5300 X-am® 8000

Set consisting of one master (3 gases), one instrument module for the instruments Dräger X-am 8000 and one power supply (8321849) Limited to 1 module

	8321882	332	1
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Gas Detection Technology

Portable Gas Detection Instruments

Description	Order Code	Product Category	Packing unit
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Dräger X-dock® 6300 Master

With 3 test gas connections plus fresh air
At least 1 module must be ordered, extendable to max.
10 modules and max. 5 modules X-am 8000.



	8321900	332	1
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Dräger X-dock 6600 Master

With 6 test gas connections plus fresh air
At least 1 module must be ordered, extendable to max.
10 modules and max. 5 modules X-am 8000.

	8321901	332	1
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Dräger X-dock Module X-am® 125

Cradle for one instrument of the Dräger X-am 125 series

	8321890	332	1
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Dräger X-dock Module X-am 125+

Cradle for one instrument of the Dräger X-am 125 series
With an additionally charging function



	8321891	332	1
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Dräger X-dock Module Pac®

Cradle for one instrument of the Dräger Pac series



	8321892	332	1
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Dräger X-dock Module X-am 8000

Cradle for one instrument of the Dräger X-am 8000 series

	8321893	332	1
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Dräger X-doc® Module X-am 8000+

Cradle for one instrument of the Dräger X-am 8000 series
With an additionally charging function



	8321894	332	1
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Gas Detection Technology

Portable Gas Detection Instruments

Description	Order Code	Product Category	Packing unit
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Software Solutions

The information regarding the licenses Gas Detection Connect can be found under the heading "Software Solutions" in the respective price list.

Station Accessories

0.5 bar constant pressure regulator	8324250	332	1
0.5 bar constant pressure regulator with flow stop	8324251	332	1
0.5 bar stainless steel constant pressure regulator	8324252	332	1
Adapter Mini-Can (5/8 x 18) to M4 thread Including a M4 hose nozzle	8321926	953	1
Set of hose clamp (5 pcs.)	8324095	332	1
Filter set for pump inlet fresh air pump	8319364	956	1
FKM hose (black, solvent resistant) Max. order length 50 meter	1203150	956	1m
Spare display protective foil	8321804	332	1
Sticker for module numbering 1 to 10	8321839	332	1
Carrying case (w/o products) with special designed insert for one X-dock 5300 or one X-dock 6x00 with max. 2 modules	4530393	336	1

Spare part O-ring for C10 valves 5/8"x18	8324288	393	1
Sealing Cartridge X-am module	8321986	393	1
Sealing Cartridge Pac module	8321987	393	1
Spare Kit Gasket Retainer X-am 8000 module	8326543	393	1
Spare housing pad	8321974	393	1

Scanner Accessories

Barcode scanner CINO GSI Serie F780	8318792	336	1
Barcode label outside 22 x 8 mm (500 label per scroll)	AG02551	541	1

Power Supplies

Power supply 24V DC/1,33A for up to 3 modules	8321849	336	1
Power supply 24V DC/6,25 for up to 10 modules	8321850	336	1
Car charging connection 12 VDC	8321855	336	1

Mounting Accessories

Wall bracket comfort (adjustable tipping angle)	8321910	332	1
Wall bracket basic	8321922	332	1
Cylinder holder (table version)	8321918	332	1
Cylinder holder (for DIN rail / wall bracket)	8321928	332	1

Spare Parts

If you need spare parts, please order the following spare parts list:
Dräger X-dock

4634.600

Gas Detection Technology

Portable Gas Detection Instruments

01

Description	Order Code	Product Category	Packing unit
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Calibration Accessories Dräger Bump Test Station

Automatic Dräger Bump Test station for portable instruments.

- Dräger Pac Series
- Dräger X-am 2500 / 2600 / 2800 / 5000 / 5600 / 5800



Dräger Bump Test Station



Dräger Bump Test Station Dräger Pac Series without test gas cylinder	8317410	332	1
Dräger Bump Test Station Dräger Pac Series complete including one test gas cylinder (please mention in the order):	8318586	332	1
- 50 pp NH ₃ /N ₂	6811352	953	1
- 100 ppm CO/N ₂	6812252	953	1
- 2.5 Vol.-% CO ₂ /air	6810391	953	1
- 20 ppm H ₂ S/N ₂	6810393	953	1
- 25 ppm H ₂ S/N ₂	6812114	953	1
- 100 ppm H ₂ S/N ₂	6812112	953	1
- 18 Vol.-% O ₂ /N ₂	6811250	953	1
- 10 ppm HCN/N ₂	6810642	953	1
- 50 ppm NO/N ₂	6812378	953	1
- 10 ppm NO ₂ /N ₂	3713477	953	1
- 0.5 ppm PH ₃ /N ₂	6810647	953	1
- 10 ppm SO ₂ /N ₂	6810645	953	1
- 10 ppm C ₂ H ₄ O/N ₂	6812110	953	1
100 ppm CO, 18 % O ₂ /N ₂	6812963	953	1
15 ppm H ₂ S, 50 ppm CO, 18 % O ₂ /N ₂	6813100	953	1
Test gas 60 L, 50 ppm CO/air	6811117	953	1

Gas Detection Technology

Portable Gas Detection Instruments

Description	Order Code	Product Category	Packing unit
Dräger Bump Test Station Dräger X-am 1/2/5x00 without test gas cylinder	8319131	332	1
Dräger Bump Test Station Dräger X-am 1/2/5x00 complete including one test gas cylinder (please mention in the order):	8319130	332	1
- 10 ppm NO ₂ , 50 ppm CO, 2.5 Vol.-%CH ₄ , 18 Vol.-%O ₂ (58 L)	6813103	953	1
- 15 ppm H ₂ S, 50 ppm CO, 2.5 Vol.-% CH ₄ , 18 Vol.-% O ₂	6811130	953	1
- 15 ppm H ₂ S, 2 Vol.-% CO ₂ , 2.5 Vol.-% CH ₄ , 18 Vol.-% O ₂	6811131	953	1
- 15 ppm H ₂ S, 50 ppm CO, 2 Vol.-% CO ₂ , 2.5 Vol.-% CH ₄ , 18 Vol.-% O ₂	6811132	953	1
- 15 ppm H ₂ S, 50 ppm CO, 2 Vol.-% CO ₂ , 0.45 Vol.-% n-C ₅ H ₁₂ , 18 Vol.-% O ₂	6811835	953	1
- 15 ppm H ₂ S, 50 ppm CO, 2 Vol.-% CO ₂ , 0.4 Vol.-% C ₃ H ₈ , 18 Vol.-% O ₂	6812778	953	1
- 50 ppm CO, 2 Vol.-% CO ₂ , 2.5 Vol.-% CH ₄ , 18 Vol.-% O ₂	6811905	953	1
- 0.9 Vol.-% C ₃ H ₈ /air	6811118	953	1
- 0.9 Vol.-% C ₅ H ₈ , 18 Vol.-% O ₂ /N ₂	6812152	953	1
- 0.4 Vol.-% n-C ₅ H ₁₂ , 18 Vol.-% O ₂ /N ₂	6812153	953	1
- 15 ppm H ₂ S, 50 ppm CO, 2.5 Vol.-% CH ₄ , 18 Vol.-% O ₂ (112 L)	6812375	953	1
- 15 ppm H ₂ S, 2 Vol.-% CO ₂ , 2.5 Vol.-% CH ₄ , 18 Vol.-% O ₂ (112 L)	6812376	953	1
- 15 ppm H ₂ S, 50 ppm CO, 2 Vol.-% CO ₂ , 2.5 Vol.-% CH ₄ , 18 Vol.-% O ₂ (112 L)	6812377	953	1
Dräger Bump Test Station Accessory			
Case Bump Test Station	3706133	336	1

Gas Detection Technology

Portable Gas Detection Instruments

01

Description	Order Code	Product Category	Packing unit
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Software Solutions Dräger Gas Detection Connect

Dräger Gas Detection Connect is your connection to the digital future of occupational safety. The system networks individual Dräger products through a smart software solution. Thanks to location- and time-independent access, you manage your equipment fleet optimally and always have the position and status of your gas detection devices and workers in view.



Intro License

includes: Access, infrastructure, connection of up to 99 X-dock stations / ConHubs
10.000 credits, valid for one year after activation

Gas Detection Connect Introduction License	3719332	337	1
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Basic License

includes: Access, data storage, maintenance, automatic feature updates, troubleshooting, 24/7 support hotline. Valid for one year, with annual renewal.

Gas Detection Connect Basic	3719809	337	1
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Asset Licenses

includes: Connection to supported X-dock stations or ConHubs.
Valid for one year, with annual renewal.

Gas Detection Connect Asset Lite one X-dock station, not extendable, no basic license needed	3719811	337	1
Gas Detection Connect Asset License definable number of X-dock stations or ConHubs needs basic license	3719810	337	1

Gas Detection Technology

Portable Gas Detection Instruments

01

Description	Order Code	Product Category	Packing unit
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Software Solutions CC-Vision, GasVision and PC-Data Downloading Accessories



Dräger GasVision

Windows based software for the easy evaluation of the portable gas detector's data logger. Used with:

Dräger Pac Series, Dräger X-am 2x00, Dräger X-am 5x00, Dräger X-am 3500, Dräger X-am 8000, Dräger X-am 7000 and Dräger X-pid

Dräger GasVision License key 45 days trial version free of charge available in the Internet www.draeger.com	8325646	332	1
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Dräger CC-Vision Basic

The software CC-Vision Basic enables an individual and customer specific configuration and calibration of the gas detectors:

Dräger Pac Series, Dräger X-am 2x00, Dräger X-am 5x00, Dräger X-am 3500 and Dräger X-am 8000, Dräger X-am 7000

CC-Vision Software Basic

Free of charge available in the Internet www.draeger.com

Communication accessory Single Gas			
Communication Module for Dräger Pac Series including USB cable	8318587	332	1
Communication accessory Multi Gas			
Calibration and Communication cradle Dräger X-am 1/2/5x00	8318752	332	1
DIRA adapter charging module X-am 7000	8322726	393	1
Barcode scanner CINO GS1 Serie F780	8318792	336	1
USB Dira+ USB cable			
USB Dira+ USB cable	8317409	332	1

Gas Detection Technology

Portable Gas Detection Instruments

GAS	Concentration	Nominal volume, pressure	Order Code	Prod Cat	PU
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Test Gases and Regulators*

Test gases in disposable cylinders. All test gases are gravimetrically manufactured to ISO6142 and acc. to ISO 9001. EN12205, ISO11118 (cylinder) and ISO13340 (valve) approved. All test gases with UK origin (exceptions marked)
Attention: Please order the regulator separately.



Non-Refillable Cylinders

Ammonia	NH ₃	50 ppm	in N ₂ 34 Liter, 35 bar	3715318	953	1
Ammonia	NH ₃	50 ppm	in N ₂ 58 Liter, 35 bar	6811352	953	1
Ammonia	NH ₃	75 ppm	in N ₂ 58 Liter, 34.5 bar	3700106	953	1
Ammonia	NH ₃	100 ppm	in N ₂ 58 Liter, 35 bar	6810387	953	1
Ammonia	NH ₃	300 ppm	in N ₂ 58 Liter, 35 bar	6811353	953	1
Benzene	C ₆ H ₆	5 ppm	in N ₂ 58 Liter, 34.5 bar	6814050	953	1
n-Butane	n-C ₄ H ₁₀	0,9 Vol.-%	in air 112 Liter, 69 bar	6810987	953	1
n-Butane	n-C ₄ H ₁₀	8 Vol.-%	in air 16 Liter, 11 bar	6814029	953	1
Carbon Dioxide	CO ₂	0,1 Vol.-%	in N ₂ 112 Liter, 69 bar	5239086	953	1
Carbon Dioxide	CO ₂	0,3 Vol.-%	in air 58 Liter, 35 bar	5239065	953	1
Carbon Dioxide	CO ₂	1,5 Vol.-%	in N ₂ 112 Liter, 69 bar	5239084	953	1
Carbon Dioxide	CO ₂	500 ppm	in air 112 Liter, 69 bar	6812383	953	1
Carbon Dioxide	CO ₂	2,5 Vol.-%	in air 58 Liter, 35 bar	6810391	953	1
Carbon Dioxide	CO ₂	50 Vol.-%	in N ₂ 58 Liter, 35 bar	6812438	953	1
Carbon Dioxide	CO ₂	20 Vol.-%	in air 112 Liter, 69 bar	6811357	953	1
Carbon Monoxide	CO	50 ppm	in air 58 Liter, 35 bar	6811117	953	1
Carbon Monoxide	CO	100 ppm	in N ₂ 112 Liter, 69 bar	6812252	953	1
Carbon Monoxide	CO	100 ppm	in air 103 Liter, 69 bar	6814195	953	1
Carbon Monoxide	CO	250 ppm	in air 58 Liter, 35 bar	6811354	953	1
Chlorine	Cl ₂	5 ppm	in N ₂ 58 Liter, 35 bar	6812103	953	1
Chlorine	Cl ₂	5 ppm	in N ₂ 34 Liter, 35 bar	3715317	953	1
Chlorine	Cl ₂	10 ppm	in N ₂ 58 Liter, 35 bar	6812106	953	1
Ethylene	C ₂ H ₄	1,35 Vol.-%	in air 112 Liter, 69 bar	6812784	953	1
Ethylene	C ₂ H ₄	50 Vol.-%	in N ₂ 100 Liter, 65 bar	3703694	953	1
Ethylene Oxide	C ₂ H ₄ O	10 ppm	in N ₂ 58 Liter, 35 bar	6812110	953	1
n-Hexane	C ₆ H ₁₄	0,48 Vol.-%	in air 24 Liter, 15 bar	6810988	953	1

Gas Detection Technology

Portable Gas Detection Instruments

GAS		Concentration	Nominal volume, pressure	Order Code	Prod Cat	PU
Hydrogen	H ₂	2 Vol.-%	in air 112 Liter, 69 bar	6810388	953	1
Hydrogen	H ₂	1000 ppm	in air 58 Liter, 35 bar	6811955	953	1
Hydrogen	H ₂	1600 ppm	in N ₂ 58 Liter, 35 bar	3701895	953	1
Hydrogen Chloride	HCl	5 ppm	in N ₂ 58 Liter, 34.5 bar	6814198	953	1
Hydrogen Chloride	HCl	10 ppm	in N ₂ 58 Liter, 35 bar	6812107	953	1
Hydrogen Chloride	HCl	25 ppm	in N ₂ 58 Liter, 35 bar	6812115	953	1
Hydrogen Cyanide	HCN	10 ppm	in N ₂ 58 Liter, 34.5 bar	6810642*	953	1
Hydrogen Cyanide	HCN	10ppm	in N ₂ 116 Liter, 69 bar	3731105	953	1
Hydrogen Cyanide	HCN	15 ppm	in N ₂ 58 Liter, 34.5 bar	6812388*	953	1
Hydrogen Sulphide	H ₂ S	15 ppm	in N ₂ 58 Liter, 34.5 bar	6814199	953	1
Hydrogen Sulphide	H ₂ S	20 ppm	in N ₂ 58 Liter, 34.5 bar	6810393	953	1
Hydrogen Sulphide	H ₂ S	25 ppm	in N ₂ 58 Liter, 35 bar	6812114	953	1
Hydrogen Sulphide	H ₂ S	40 ppm	in N ₂ 58 Liter, 35 bar	6812117	953	1
Hydrogen Sulphide	H ₂ S	100 ppm	in N ₂ 58 Liter, 35 bar	6812112	953	1
Isobutylene	i-C ₄ H ₈	100 ppm	in air 34 Liter, 35 bar	6810687	953	1
Isobutylene	i-C ₄ H ₈	100 ppm	in air 58 Liter, 35 bar	6811629	953	1
Isobutylene	i-C ₄ H ₈	5 ppm	in air 58 Liter, 35 bar	6813685	953	1
Isobutylene	i-C ₄ H ₈	3000ppm	in air 58 Liter, 35 bar	3723044	953	1
Isobutylene	i-C ₄ H ₈	1000ppm	in air 58 Liter, 35 bar	3723045	953	1
Isobutylene	i-C ₄ H ₈	50ppm	in air 58 Liter, 35 bar	3723046	953	1
Isobutylene	i-C ₄ H ₈	10ppm	in air 58 Liter, 35 bar	3723047	953	1
Methane	CH ₄	2 Vol.-%	in air 112 Liter, 69 bar	6810389	953	1
Methane	CH ₄	2,5 Vol.-%	in air 112 Liter, 69 bar	6812104	953	1
Methane	CH ₄	3,5 Vol.-%	in N ₂ 112 Liter, 69 bar	6812962	953	1
Methane	CH ₄	50 Vol.-%	in N ₂ 112 Liter, 69 bar	6812109	953	1
Nitrogen (UHP)	N ₂	99,999 Vol.-%	112 Liter, 69 bar	6810394	953	1
Nitrogen (UHP)	N ₂	99,999 Vol.-%	34 Liter, 34.5 bar	SD14100	953	1
Nitrogen Dioxide	NO ₂	5 ppm	in air 58 Liter, 35 bar	6811952	953	1
Nitrogen Dioxide	NO ₂	10 ppm	in air 58 Liter, 35 bar	3713477	953	1
Nitrogen Monoxide	NO	10 ppm	in N ₂ 58 Liter, 35 bar	6810986	953	1
Nitrogen Monoxide	NO	25 ppm	in N ₂ 34 Liter, 35 bar	6810644	953	1
Nitrogen Monoxide	NO	50 ppm	in N ₂ 58 Liter, 35 bar	6812378	953	1
Nitrous Oxide	N ₂ O	100 ppm	in N ₂ 34 Liter, 35 bar	5239067	953	1

Gas Detection Technology

Portable Gas Detection Instruments

GAS		Concentration	Nominal volume, pressure	Order Code	Prod Cat	PU
Oxygen	O ₂	4 Vol.-%	in N ₂ 58 Liter, 35 bar	6813758	953	1
Oxygen	O ₂	18 Vol.-%	in N ₂ 58 Liter, 35 bar	6811250	953	1
Oxygen	O ₂	23,5 Vol.-%	in N ₂ 58 Liter, 35 bar	3715134	953	1
n-Pentane	n-C ₅ H ₁₂	0,75 Vol.-%	in air 85 Liter, 50.3 bar	6810761*	953	1
Phosphine	PH ₃	0,5 ppm	in N ₂ 58 Liter, 34.5 bar	6810647*	953	1
Phosphine	PH ₃	5 ppm	in N ₂ 58 Liter, 34.5 bar	4930613*	953	1
Phosphine	PH ₃	20 ppm	in N ₂ 58 Liter, 34.5 bar	6812379*	953	1
Propane	C ₃ H ₈	0,1 Vol.-%	in air 112 Liter, 69 bar	6813238	953	1
Propane	C ₃ H ₈	0,4 Vol.-%	in air 58 Liter, 35 bar	6812389	953	1
Propane	C ₃ H ₈	0,6 Vol.-%	in air 112 Liter, 69 bar	6813237	953	1
Propane	C ₃ H ₈	0,75 Vol.-%	in air 112 Liter, 69 bar	6812788	953	1
Propane	C ₃ H ₈	0,9 Vol.-%	in air 112 Liter, 69 bar	6810390	953	1
Propane	C ₃ H ₈	0,9 Vol.-%	in air 58 Liter, 69 bar	6811118	953	1
Propane	C ₃ H ₈	1,05 Vol.-%	in air 112 Liter, 35 bar	3713485	953	1
Propane	C ₃ H ₈	15 Vol.-%	in air 43 Liter, 69 bar	5239066	953	1
Sulphur Dioxide	SO ₂	2,5 ppm	in air 58 Liter, 35 bar	6814048	953	1
Sulphur Dioxide	SO ₂	10 ppm	in air 58 Liter, 35 bar	6814049	953	1
Sulphur Dioxide	SO ₂	10 ppm	in N ₂ 58 Liter, 35 bar	6810645	953	1
Tetrahydrothiopene	THT	10 ppm	in N ₂ 58 Liter, 35 bar	6812594	953	1
Zero Air (synthetic air)			in N ₂ 112 Liter, 69 bar	6813239	953	1
Carbon Monoxide	CO / Air	275ppm	112L	3702059	953	1
Hydrogen	H ₂	99,999 Vol%	58L	3713618	953	1
Notrogen Dioxide	NO ₂	in Air	34L	3720732	953	1
Sulfur Hexaflouride		1000ppm in Air	110L	3722019	953	1
Ethylene Oxide	C ₂ H ₄ O/N ₂	10ppm	112L	3735470	953	1
Methane	CH ₄ /N ₂	60 Vol%	112L	4931233	953	1
R1234yf	R1234yf/air	1000ppm	112L	6813760	953	1
R125	R125/air	1000ppm	112L	6813761	953	1
R407a	R407a/air	1000ppm	112L	6813763	953	1
R407c	R407c/air	1000ppm	112L	6813764	953	1
R410a	R410a/air	1000ppm	112L	6813765	953	1

* US origin

Gas Detection Technology

Portable Gas Detection Instruments

Ex gases	H ₂ S	NH ₃	CO	CO ₂ Vol.-%	NO ₂	SO ₂	H ₂	C ₄ H ₈	C ₃ H ₈	O ₂ Vol.-%	Bal.	Nominal volume	Order Code	Prod. Cat.
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Mixed Gases

Unless otherwise stated all concentrations for toxic gases are in ppm

1.45 Vol.-% CH ₄	20		60							15	N ₂	112 Liter, 69 bar	3701896	953
2 Vol.-% CH ₄										18	N ₂	58 Liter, 34.5 bar	6811116	953
2.2 Vol.-% CH ₄	25		100							17	N ₂	112 L, 69 bar	3701898	953
2.2 Vol.-% CH ₄	10									18	N ₂	58 Liter, 34.5 bar	6811647	953
2.2 Vol.-% CH ₄	15		100							18	N ₂	112 Liter, 69 bar	6813759	953
2.5 Vol.-% CH ₄	15		50	2						18	N ₂	112 Liter, 69 bar	6812377	953
2.5 Vol.-% CH ₄			50	2						18	N ₂	58 Liter, 34.5 bar	6811905	953
2.5 Vol.-% CH ₄			50	2	5					18	N ₂	58 Liter, 34.5 bar	6813099	953
2.5 Vol.-% CH ₄			50	2	10					18	N ₂	58 Liter, 34.5 bar	6813103	953
2.5 Vol.-% CH ₄	25		100							18	N ₂	112 Liter, 69 bar	6814028	953
2.5 Vol.-% CH ₄	15		50							18	N ₂	58 Liter, 34.5 bar	6811130	953
2.5 Vol.-% CH ₄	15		50							18	N ₂	112 Liter, 69 bar	6812375	953
2.5 Vol.-% CH ₄	25		100							18	N ₂	58 Liter, 34.5 bar	6813098	953
2.5 Vol.-% CH ₄	15			2						18	N ₂	58 Liter, 34.5 bar	6811131	953
2.5 Vol.-% CH ₄	15			2						18	N ₂	112 Liter, 69 bar	6812376	953
2.5 Vol.-% CH ₄	15		50	2								58 Liter, 34.5 bar	6811132	953
60 Vol.-% CH ₄				40								112 Liter, 35 bar	6810935	953
0.4 Vol.-% C ₃ H ₈	15		50	2						18	N ₂	58 Liter, 34.5 bar	6812778	953
0.4 Vol.-% C ₃ H ₈			50	2						18	N ₂	58 Liter, 34.5 bar	6814047	953
0.4 Vol.-% C ₃ H ₈	15		50	2						18	N ₂	112 Liter, 69 bar	3700107	953
0.4 Vol.-% C ₃ H ₈				3			1			17	N ₂	112 Liter, 69 bar	3700131	953
0.9 Vol.-% C ₃ H ₈										18	N ₂	58 Liter, 34.5 bar	6812152	953
0.9 Vol.-% C ₃ H ₈	15		50	2						18	N ₂	112 Liter, 69 bar	3715136	953
1.05 Vol.-% C ₃ H ₈	25		100							18	N ₂	58 Liter, 34.5 bar	3713487	953
1.05 Vol.-% C ₃ H ₈	25		100							19	N ₂	58 Liter, 34.5 bar	3713486	953
0,9 Vol.-% n-C ₄ H ₁₀	25		50							12	N ₂	58 Liter, 34.5 bar	3703693	953
8 Vol.-% n-C ₄ H ₁₀				13,8							N ₂	18 Liter, 11.4 bar	6811004	953
0.45 Vol.-% n-C ₅ H ₁₂	15		50							18	N ₂	58 Liter, 34.5 bar	6811835	953

Gas Detection Technology

Portable Gas Detection Instruments

Ex gases	H ₂ S	NH ₃	CO	CO ₂ Vol- %	NO ₂	SO ₂	H ₂	C ₄ H ₈	C ₇ H ₈	O ₂ Vol- %	Bal.	Nominal volume	Order Code	Prod. Cat.
0.45 Vol-% n-C ₅ H ₁₂	15		50							18	N ₂	95 Liter, 69 bar	6813806	953
0.45 Vol-% n-C ₅ H ₁₂	25		100								N ₂	58 Liter, 34.5 bar	6812116	953
0.45 Vol-% n-C ₅ H ₁₂			50							18	N ₂	112 Liter, 69 bar	3715133	953
0.75 Vol-% n-C ₅ H ₁₂			50							18	N ₂	78 Liter, 50.3 bar	6814027	953
0.4 Vol-% n-C ₃ H ₁₂										18	N ₂	58 Liter, 34.5 bar	6812153	953
	15		50							18	N ₂	58 Liter, 34.5 bar	6813100	953
		50	50							18	N ₂	58 Liter, 34.5 bar	6813101	953
			50							18	N ₂	58 Liter, 34.5 bar	6812574	953
			100							18	N ₂	112 Liter, 69 bar	6812963	953
			50			10				18	N ₂	112 Liter, 34.5 bar	6813696	953
								10	10		N ₂	58 Liter, 34.5 bar	6814046	953
Additional gases														953

* US origin

Gas Detection Technology

Portable Gas Detection Instruments

Description	Order Code	Product Category	Packing unit
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Regulators

All regulators are set to a flow of 0.5 liter/minute

On demand regulator model 2001	8316556	953	1
Standard regulator 0.5 l/min, nickel plated brass, 5/8"-18 UNF	6810397	953	1
Stainless steel regulator 0.5 l/min, 5/8"-18 UNF For better results use one regulator for one gas type only.	6813104	953	1
Trigger regulator 0.5 l/min, nickel plated brass, 5/8"-18 UNF	6810649	953	1
Multi flow regulator C-10 flow adjustable to: 0 l/min; 0.5 l/min; 0.75 l/min; 1 l/min; 1.5 l/min; 2 l/min; 2.5 l/min; 3 l/min; 4 l/min; 5 l/min	4930604	953	1
Regulator Dräger Multi-PID 2	6810688	332	1
Regulator Dräger E-Cal (DFR 2003 + DIN477 no. 14 adapter) for refillable cylinders	6810692	953	1
Spare O-ring for C10 valves (5/8"x18)	8324288	393	1

Accessories



Carrying Case for 2 cylinders	6811181	980	1
Puncher Tool	6811182	953	1

Gas Detection Technology

Portable Gas Detection Instruments

Description	Order Code	Product Category	Packing unit
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Multiple-Use Accessories

For the portable gas detection instruments

A wide range of accessories is available.

Suits to the instruments:

Dräger X-am 2500/5000/5100/5600 and Dräger 8000

Dräger X-am 3000, Dräger X-am 7000,

Dräger Pac 3500, 5500 and 7000



Filter			
Water- and dust filter with 6 cm hose	8313648	956	1
Water- and dust filter 20 pcs. package	3705997	956	1
Hose set with filter, X-zone 5000	8321527	956	1
Spare set filter X-am 125 pump/X-dock	8319364	393	1
Probes			
Probe GP600, incl. 1,5m hose and male adapter	8328667	956	1
Telescopic probe 100, with accessories	8316530	956	1
Telescopic probe ES 150	8316533	956	1
Bar probe 90, with accessories	8316532	956	1
Bar probe 400	8317188	956	1
Leakage probe 70	8316531	956	1
Float probe (w/o hose)	6802337	956	1
Float probe with 5 cm hose and 5mm luer female adapter	8327654	956	1
Probe Tip for ES 150, 1,5mm	3701904	956	1
Probes incl. hoses with 5 mm inner diameter			
Float probe (incl. 10 m rubber hose)	6807097	956	1
Set float probe, H2S-resistant with 5 m FKM rubber hose, water and dust filter	8318371	956	1
Probes incl. hoses with 3 mm inner diameter			
Float probe (incl. 3 m FKM hose)	8325831	956	1
Float probe (incl. 10 m FKM hose)	8325832	956	1

Gas Detection Technology

Portable Gas Detection Instruments

Description	Order Code	Product Category	Packing unit
Hoses with 5 mm inner diameter			
PTFE-lined Tygon hose (spool of 15 meters)	4594679	956	1
PTFE-lined Tygon hose, 3 meters	8326980	956	1
Rubber hose, (color black, anti static, electrically conducting) Max. order length 100 meter	1180681	956	1 meter
FKM hose (color black, solvent resistant), max. order length 50 meter	1203150	956	1 meter
Tygon hose (color transparent), max. order length 150 meter	8320766	956	1 meter
Spare part hose (2 meter), for telescopic probe 100 and leakage probe 70	8318205	956	1
Hoses with 3 mm inner diameter			
Rubber hose for float probe, electrically conducting, anti-static max. order length 100 meter	8325839	956	1 meter
Rubber hose, electrically conducting, anti-static, 5 meter incl. adapters	8328210	956	1
Rubber hose, electrically conducting, anti-static, 20 meter incl. adapters	8328211	956	1
PVC hose (color transparent), max. order length 100 meter	8325838	956	1 meter
PVC hose (color transparent), 15 meter incl. adapters	8328209	956	1
FKM hose (color black, solvent resistant), max. order length 100 meter	8325837	956	1 meter
FKM hose (color black, solvent resistant), 5 meter incl. adapters	8325705	956	1
FKM hose (color black, solvent resistant), 10 meter incl. adapters	8325706	956	1
FKM hose (color black, solvent resistant), 20 meter incl. adapters	8325707	956	1
FKM hose (color black, solvent resistant), 45 meter incl. adapters	8328212	956	1
Rubber ball pump	6801933	956	1
Adapter			
Spare connector Set (ext. pump X-am 125)	8319397	393	1
Hose adapter (10 pcs.) incl. 40 mm FKM hose 12 03 150)	8319231	956	1
Connecting pieces (10 pcs. for hose with 5 mm inner diameter)	8320087	393	1
Set connecting hose pump adapter (5 pcs., luer female adapter and 20 mm hose 83 25 837)	8327652	336	1
Set connecting hose calibration adapter (5pcs., adapter 5mm-3mm and 20 mm hose 83 25 837)	8327653	336	1
Adapter piece f. PTFE hose	8324098	332	1
Luer adapter set, incl. 2 pcs. 3mm adapter, 2 pcs. 5 mm adapter, 2 pcs. adapter 3 to 5 mm, 50 mm FKM hose 12 03 150)	8328213	956	1
Luer male adapter 3 mm (2 pcs.)	8327641	956	1
Luer male adapter 5 mm (2 pcs.)	8327642	956	1

Gas Detection Technology

Dräger X-act 7000

Dräger X-act 7000	68
MicroTubes	69

Gas Detection Technology

Dräger X-act 7000

Description	Order Code	Product Category	Packing unit
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Analyse system Dräger X-act® 7000

Dräger X-act 7000 is an innovative optoelectronic analyser for the Dräger MicroTubes. After an automatic self-test, the device is ready for use immediately. It is characterized by a particularly comfortable operation: Insert the MicroTubes, start measuring and read measurement results on the colour display. 10 measurements in a row can be taken. The analysed hazardous material concentration is displayed on the X-act 7000 display. MicroTubes can even take measurements in the ppb range.



Dräger X-act 7000

Consisting of: Basic device X-act 7000 incl. batteries, Shoulder strap complete, MicroTube Demo, Torx T10 Screwdriver, USB-Cable 2m with Mini-connection



Dräger X-act 7000		8610800	328	1
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Gas Detection Technology

Dräger X-act 7000

Description	Order Code	Product Category	Packing unit
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Dräger MicroTubes

Only to use in combine with X-act 7000



Acetic Acid	2 - 20 ppm	8610330	329	1
Acetone	25 - 5000 ppb	8610470	329	1
Alcohol (Methanol, Ethanol, i-Propanol, n-Butanol)	10 - 5000 ppm	8610380	329	1
Ammonia	1 - 100 ppm	8610130	329	1
Ammonia	100 - 2500 ppm	8610020	329	1
Benzene	1 - 150 ppb	8610600	329	1
Benzene	10 - 100 ppm	8610280	329	1
Benzene	0.15 - 10 ppm	8610030	329	1
1,3-Butadiene	25 - 500 ppb	8610460	329	1
1,3-Butadiene	0,5 - 25 ppm	8610300	329	1
Carbon Dioxide	200 - 50000 ppm	8610190	329	1
Carbon Monoxide	2 - 1000 ppm	8610080	329	1
Chlorine	50 - 5000 ppb	8610010	329	1
Ethylenoxide	25 - 250 ppb	8610200	329	1
Ethylenoxide	0,25 - 10 ppm	8610580	329	1
Formaldehyde	5 - 150 ppb	8610540	329	1
Formaldehyde	0.15 - 3 ppm	8610100	329	1
Hydrochloric Acid	0.5 - 25 ppm	8610090	329	1
Hydrocyanic Acid	0.5 - 50 ppm	8610520	329	1
Hydrogen Sulfide	0.1 - 50 ppm	8610050	329	1
Hydrogen Sulfide	100 - 2000 ppm	8610220	329	1
Mercaptane	50 - 6000 ppm	8610360	329	1
Mercury	0.005 - 0,25 mg/m ³	8610350	329	1
MTBE	2-200 ppm	8610530	329	1
Methylene Chloride	10 - 500 ppm	8610510	329	1
Nitrogen Dioxide	0.25 - 25 ppm	8610120	329	1
Nitrous Fumes	0.25 - 50 ppm	8610060	329	1
Ozone	10 - 1000 ppb	8610430	329	1
Perchloroethylene	1 - 500 ppm	8610040	329	1

Gas Detection Technology

Dräger X-act 7000

Description		Order Code	Product Category	Packing unit
Petroleum Hydrocarbons	10 - 3000 ppm	8610270	329	1
Phosphine	50 - 5000 ppb	8610400	329	1
Phosgen	10 - 1000 ppb	8610340	329	1
Sulphur Dioxide	0.05 - 5 ppm	8610110	329	1
Toluene	10 - 1000 ppm	8610250	329	1
Trichloroethylene	0.25 - 50 ppm	8610320	329	1
Vinylchlorid	0.1 - 10 ppm	8610230	329	1
Xylene	10 - 1000 ppm	8610260	329	1
MicroTubes Demo	n.n.	8610290	329	1

Accessories



Case X-act 7000, black		3703690	980	1
Set Display protection foil (3 pcs.)		8326828	336	1
Set 5-AA X-act 7000 T4 =EX=		3703133	328	1
Pre Tube Holder X-act 7000		3701985	328	1
Dräger Tube ppb-Booster Basic		3702013	328	1
Tubeopener TO 7000		6401200	311	1
Shoulder strap, compl.		8326823	336	1
Labelholder for shoulder strap (5 pcs.)		8326824	336	1
- silver		8327645	336	1
- blue		8327646	336	1
- red		8327647	336	1
- green		8327648	336	1
- yellow		8327649	336	1
Pump accessory for Remote-Measurements				
X-am Pump (incl. USB-Cable and Power Supply)		8327100	336	1
USB charger for X-am Pump		8327102	336	1
Coupler X-act 7000 (Adapter X-am pump & X-act 7000)		8610810	328	1
Dust- and water filter		8319364	393	1

Gas Detection Technology

Dräger X-act 7000

Description	Order Code	Product Category	Packing unit
Hose FKM, 3 mm innerdiameter, cpl. with adapters			
- 5 m	8325705	956	1
- 10 m	8325706	956	1
- 20 m	8325707	956	1
- 45 m	8328212	956	1
Probes			
Probe set GP600, with accessories	8328667	956	1
Telescopic probe ES 150, with accessories	8316533	956	1
Telescopic probe 90	8316532	956	1
Hose 4,76 x 1,59 mm, 3 m, Tygon, PTFE	8326980	956	1
PTFE-lined tygon hose (15 m)	4594679	956	1
Hose connection set, 3 mm	8327641	956	1
Spare Parts			

If you need any spare parts please order the following spare parts list. Dräger X-act 7000 E 4345.200

Gas Detection Technology

Chip-Measurement-System (CMS)

Gas Detection Technology

Chip-Measurement-System (CMS)

Description	Order Code	Product Category	Packing unit
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Dräger CMS

The Dräger CMS is a portable Chip Measurement System for spot-check measurements of known gases and vapours. The system consists of a substance-specific chip and an analyzer, which displays the measurement result as a digital readout. The calibrated chip contains 10 measurements, and the analyzer is equipped with an integrated Data Recorder. The Dräger CMS is used for monitoring workplace threshold limit values, for process control, and, in conjunction with the Remote System, for measurements in confined spaces or difficult-to-reach areas.

The CMS Analyzer is no longer available, only chips.

For inquiries contact the local subsidiaries.



Dräger Chips

Only to use in combine with Dräger CMS



Acetic Acid	2 - 50 ppm	6406330	325	1
Ammonia	0.2 - 5 ppm	6406550	325	1
Ammonia	2 - 50 ppm	6406130	325	1
Ammonia	10 - 150 ppm	6406020	325	1
Ammonia	100 - 2000 ppm	6406570	325	1
Benzene	50 - 2500 ppb	6406600	325	1
Benzene	0.2 - 10 ppm	6406030	325	1
Benzene	10 - 250 ppm	6406280	325	1
Carbon Dioxide	1000 - 25000 ppm	6406070	325	1
Chlorine	0.2 - 10 ppm	6406010	325	1
Ethylene Oxide	0.4 - 5 ppm	6406580	325	1
Hydrochloric Acid	1 - 25 ppm	6406090	325	1

Gas Detection Technology

Chip-Measurement-System (CMS)

Description		Order Code	Product Category	Packing unit
Hydrochloric Acid	20 - 500 ppm	6406140	325	1
Hydrogen Peroxide	0.3 - 2 ppm	6406440	325	1
Hydrogen Sulphide	20 - 500 ppm	6406150	325	1
Mercaptan	0.25 - 6 ppm	6406360	325	1
Ozone	50 - 1000 ppb	6406430	325	1
Petroleum Hydrocarbons	20 - 500 ppm	6406200	325	1
Phosgene	0.05 - 2 ppm	6406340	325	1
Phosphine	0.1 - 2.5 ppm	6406400	325	1
Sulphur Dioxide	0.4 - 10 ppm	6406110	325	1
Sulphur Dioxide	5 - 150 ppm	6406180	325	1
Styrene	2 - 40 ppm	6406560	325	1
Training Chip	Simulation	6406290	325	1

Gas Detection Technology

Dräger-Tubes Measurement-System

Dräger-Tube Pumps

Dräger X-act 5000	76
Dräger accuro	77

Dräger-Tubes for Short-Term Measurement

Dräger-Tubes for short-term measurement	79
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Dräger Simultaneoustest

Dräger Simultaneoustest Set	86
Special Dräger-Tubes for Fire Brigades Applications	86
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Dräger-Sampling Tubes & Systems

Charcoal Dräger-Sampling Tubes	88
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Sampling Filter Sets	89
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Dräger Air Flow Tester

Dräger Flow-Check	90
Air-Flow Tester	90

Gas Detection Technology

Dräger-Tubes Measurement-System

Description	Order Code	Product Category	Packing unit
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Dräger-Tubes® Pumps

The Dräger-Tube Measurement System consists of a Dräger-Tube and a Dräger-Tube Pump. This measurement system is used for short-term measurements and sample taking.

Short-term measurements are on-the-spot measurements, e. g. the evaluation of concentration fluctuations, release measurements, worst case measurements etc.

With a sample taking, first of all the substances to be measured are collected on a suitable medium, e. g. activated charcoal, silica gel etc. Then, the substances collected on the medium are analyzed qualitatively and quantitatively in the laboratory by means of analytical methods.

Different Dräger-Tube pumps are used for the Dräger-Tube measurement system.

Dräger X-act® 5000 Basic

Dräger X-act 5000 Basic is no longer available, only the accessories and tubes. For inquiries contact the local subsidiaries.

Charging accessories			
Rechargeable Battery NiMH, T4	4523520	311	1
Wall-Wart Charger 100 – 240 VAC (worldwide)	4523545	981	1
Car Charger 12 / 24 V	4523511	981	1
Accessories			
SO3 Filter Replacement	8103525	311	1
Shoulder Strap	4523565	391	1
Resistant tube (Dosage)	6527562	593	1
Calibration tube X-act 5000 (10)	8103651	321	1

Gas Detection Technology

Dräger-Tubes Measurement-System

Description	Order Code	Product Category	Packing unit
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Dräger accuro®

One-hand operating detector pump Incl. Tube opener Dräger
TO 7000 ATEX approval: BVS 04 ATEX H 068



Gas Detector Pump Dräger accuro	6400000	311	1
Gas Detector Set for Dräger accuro Complete with: Gas Detector Pump Dräger accuro, carrying case, Tube opener Dräger TO 7000 and spare parts set Dräger accuro	6400260	311	1
Soft Gas Detection-Set Complete with: Gas Detector Pump Dräger accuro, Nylon carrying case and spare parts set Dräger accuro	8317186	311	1
MDG Kit (Dräger accuro) Complete with: Gas Detector Pump Dräger accuro, carrying case Dräger accuro spare parts set	8318392	311	1
Hard side accuro pump set Complete with: Transport Case black, Gas Detector Pump Dräger accuro, Pack. rubber cups (10 pcs.) and Dräger accuro spare parts set	4056443	311	1
Spare parts set for Dräger accuro	6400220	311	1
Extension hose			
Extension hose, Dräger accuro & Dräger X-act 5000 Versions, 1 m incl. Adapter for Simultaneous Test Set and adapter for hose	6400561	311	1
Extension hose, Dräger accuro & Dräger X-act 5000, 3m incl. Adapter for tubes, adapter for hose	6400178	311	1
Extension hose, Dräger accuro & Dräger X-act 5000 Versions, 3 m incl. Adapter for tubes, adapter for hose in a carrying box	6400077	311	1
Extension hose, Dräger accuro & Dräger X-act 5000 Versions, 10 m incl. Adapter for tubes, adapter for hose	6400078	311	1
Extension hose, Dräger accuro & Dräger X-act 5000 Versions, 15 m incl. Adapter for tubes, adapter for hose	6400079	311	1
Extension hose, Dräger X-act 5000 Versions, 30 m incl. Adapter for tubes, adapter for hose	6401175	311	1

Gas Detection Technology

Dräger-Tubes Measurement-System

Description	Order Code	Product Category	Packing unit
Accessories			
Carrying case Dräger accuro Incl. shoulderstrap	8100228	311	1
Snap-on bag for carrying case	8100229	311	1
Nylon Carrying Case, blue	4594631	311	1
Fumigation Case orange, without contents	8317147	311	1
Tube opener Dräger TO 7000	6401200	311	1
Hot pack holder, complete For use until minus 20°C, incl. adapter and 2 hot packs	8316130	311	1
Hot packs (2 pieces)	8316139	311	1
Hot air probe for examination of exhaust fumes of combustion plants	CH00213	311	1
Bar Probe 400 for examination of fumigants in containers	8317188	311	1
Spare Parts			
For the spare parts please refer to our spare parts Lists which you receive on request:			
Dräger X-act 5000	E 4245		
Dräger accuro	E 4241		

Gas Detection Technology

Dräger-Tubes Measurement-System

Description	standard range of measurement [20 °C, 1013 hPa]	measurement time [s or min.]	Order Code	Product Category	Packing unit
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Dräger-Tubes®

Each order number refers to one box of tubes.

Usually one box contains ten tubes. In other cases the number in brackets behind the name of the tube indicates the measurements per box.

For the Dräger-tubes the standard measuring range is mentioned. For a possible measuring range extension, please have a look into the instruction for use. The indicated measurement time relates regarding the Tubes for short term measurements to the stated numbers of strokes for the particular tube. If the measurement time is less than 1 Minute, it will be stated with the abbreviation "s" in seconds.



Acetaldehyde 100/a	100 - 1,000 ppm	5	6726665	321	1
Acetic Acid 5/a	5 - 80 ppm	30 s	6722101	321	1
Acetone 40/a (5)	40 - 800 ppm	1	8103381	321	1
Acetone 100/b	100 - 12,000 ppm	4	CH22901	321	1
Acid Test	qualitative	3 s	8101121	321	1
Acrylonitrile 0.2/a	0.2 - 4 ppm	4	8103701	321	1
Activation tube for use in conjunction with Formaldehyde 0.2/a tube			8101141	321	1
Amine-Test	qualitative	5 s	8101061	321	1
Ammonia 0.25/a	0.25 - 3 ppm	1	8101711	321	1
Ammonia 2/a	2 - 30 ppm	1	6733231	321	1
Ammonia 5/a	5 - 70 ppm 50 - 600 ppm	1 6 s	CH20501	321	1
Ammonia 5/b	5 - 100 ppm	10 s	8101941	321	1
Ammonia 0.5%/a	0.5 - 10 Vol.-%	20 s	CH31901	321	1
Aniline 0.5/a	0.5 - 10 ppm	4	6733171	321	1
Arsine 0.05/a	0.05 - 3 ppm	6	CH25001	321	1
Benzene 0.25/a	0.25 - 2 ppm 2 - 10 ppm	5 1	8103691	321	1
Benzene 2/a (5)	2 - 60 ppm	8	8101231	321	1
Benzene 5/a	5 - 40 ppm	3	6718801	321	1

Gas Detection Technology

Dräger-Tubes Measurement-System

Description	standard range of measurement [20 °C, 1013 hPa]	measurement time [s or min.]	Order Code	Product Category	Packing unit
Benzene 5/b	5 - 50 ppm	8	6728071	321	1
Benzene 15/a	15 - 420 ppm	4	8101741	321	1
BTX (Toluene 5/b)	50 - 300 ppm 5 - 80 ppm	1	8101661	321	1
Carbon Dioxide 100/a	100 - 3,000 ppm	4	8101811	321	1
Carbon Dioxide 0.1%/a	0.5 - 6 Vol.-% 0.1 - 1.2 Vol.-%	30 s 2.5	CH23501	321	1
Carbon Dioxide 0.5%/a	0.5 - 10 Vol.-%	30 s	CH31401	321	1
Carbon Dioxide 1%/a	1 - 20 Vol.-%	30 s	CH25101	321	1
Carbon Dioxide 5%/A	5 - 60 Vol.-%	2	CH20301	321	1
Carbon Disulphide 3/a	3 - 95 ppm	2	8101891	321	1
Carbon Disulphide 5/a	5 - 60 ppm	3	6728351	321	1
Carbon Disulphide 30/a	0.1 - 10 mg/L	1	CH23201	321	1
Carbon Monoxide 2/a	2 - 60 ppm	4	6733051	321	1
Carbon Monoxide 5/c	100 - 700 ppm 5 - 150 ppm	30 s	CH25601	321	1
Carbon Monoxide 8/a	8 - 150 ppm	2	CH19701	321	1
Carbon Monoxide 10/b	100 - 3,000 ppm 10 - 300 ppm	20 s 4	CH20601	321	1
Carbon Monoxide 0.3%/b	0.3 - 7 Vol.-%	30 s	CH29901	321	1
Carbon Tetrachloride 0.1/a	0.1 - 5 ppm	2.5	8103501	321	1
Carbon Tetrachloride 1/a	1 - 15 ppm	10	8101021	321	1
Chlorine 0.2/a	0.2 - 3 ppm 3 - 30 ppm	3 30 s	CH24301	321	1
Chlorine 50/a	50 - 500 ppm	20 s	CH20701	321	1
Chlorine Dioxide 0.025/a specific	0.025 - 0,1 ppm 0,1 - 1 ppm	7.5 2.5	8103491	321	1
Chlorobenzene 5/a (5)	5 - 200 ppm	3	6728761	321	1
Chloroform 2/a (5)	2 - 10 ppm	9	6728861	321	1
Chloroformates 0.2/b	0.2 - 10 ppm	3	6718601	321	1
DT Chloromethane 10/a	10 - 75 ppm	1.5	8103911	321	1
Chloroprene 5/a	5 - 60 ppm	3	6718901	321	1
Chloropicrine 0.1/a	0.1 - 2 ppm	7.5	8103421	321	1
Chromic Acid 0.1/a (9)	0.1 - 0.5 mg/m ³	8	6728681	321	1
Cyanide 2/a	2 - 15 mg/m ³	2	6728791	321	1

Gas Detection Technology

Dräger-Tubes Measurement-System

Description	standard range of measurement [20 °C, 1013 hPa]	measurement time [s or min.]	Order Code	Product Category	Packing unit
Cyanogen Chloride 0.25/a	0.25 - 5 ppm	5	CHI9801	321	1
Cyclohexane 40/a	40 - 200 ppm 500 - 3000 ppm	75 s 15 s	8103671	321	1
Cyclohexylamine 2/a	2 - 30 ppm	4	6728931	321	1
Diesel Fuel	25 - 200 mg/m ³	30 s	8103475	321	1
Diethyl Ether 100/a	100 - 4,000 ppm	3	6730501	321	1
Dimethyl Formamide 10/b	10 - 40 ppm	3	6718501	321	1
Dimethyl Sulphate 0.005/c (9)	0.005 - 0.05 ppm	50	6718701	321	1
Dimethyl Sulphide 1/a (5)	1 - 15 ppm	15	6728451	321	1
Epichlorhydrin 5/b	5 - 80 ppm	8	6728111	321	1
Ethanol 100/a	100 - 3000 ppm	1.5	8103761	321	1
Ethyl Acetate 200/a	200 - 3,000 ppm	5	CH20201	321	1
Ethyl Benzene 30/a	30 - 400 ppm	2	6728381	321	1
Ethylene 0.1/a (5)	0.2 - 5 ppm	30	8101331	321	1
Ethylene 50/a	50 - 2,500 ppm	6	6728051	321	1
Ethylene Glycol 10 (5)	10 - 180 mg/m ³	7	8101351	321	1
Ethylene Oxide 1/a (5)	1 - 15 ppm	8	6728961	321	1
Ethylene Oxide 25/a	25 - 500 ppm	6	6728241	321	1
Fluorine 0.1/a	0.1 - 2 ppm	5	8101491	321	1
Formaldehyde 0.2/a	0.2 - 2.5 ppm 0.5 - 5 ppm	1.5	6733081	321	1
Activation Tube for use in conjunction with Formaldehyde 0.2/a tube			8101141	321	1
Formaldehyde 2/a	2 - 40 ppm	30 s	8101751	321	1
Formic Acid 1/a	1 - 15 ppm	3	6722701	321	1
Halogenated Hydrocarbons 100/a (8)	100 - 2,600 ppm	1	8101601	321	1
Hexane 10/a	10 - 200 ppm 300 - 2,500 ppm	5 1	8103681	321	1
Hydrazine 0.01/a	0.01 - 0.4 ppm 0.5 - 6 ppm	20 1	8103351	321	1
Hydrazine 0.25/a	0.25 - 10 ppm 0.1 - 5 ppm	1 2	CH31801	321	1

Gas Detection Technology

Dräger-Tubes Measurement-System

Description	standard range of measurement [20 °C, 1013 hPa]	measurement time [s or min.]	Order Code	Product Category	Packing unit
Hydrocarbon 2/a	2 - 24 mg/L	5	8103581	321	1
Hydrocarbon 0.1%/c	0.1 - 1.3 Vol.-%	2	8103571	321	1
Hydrochloric Acid 0.2/a	3 - 20 ppm 0.2 - 3 ppm	2 40 s	8103481	321	1
Hydrochloric Acid 1/a	1 - 10 ppm	2	CH29501	321	1
Hydrochloric Acid 50/a	500 - 5,000 ppm 50 - 500 ppm	30 s 4	6728181	321	1
Hydrochloric Acid / Nitric Acid 1/a - Hydrochloric Acid - Nitric Acid	1 - 10 ppm 1 - 15 ppm	1.5 3	8101681	321	1
Hydrocyanic Acid 0.5/a	0.5 - 5 ppm 5 - 50 ppm	2,5 0,5	8103601	321	1
Hydrogen 0.2%/a	0.2 - 2.0 Vol.-%	1	8101511	321	1
Hydrogen 0.5%/a	0.5 - 3.0 Vol.-%		CH30901	321	1
Hydrogen Fluoride 0.5/a	0.5 - 15 ppm 10 - 90 ppm	2 25 s	8103251	321	1
Hydrogen Fluoride 1.5/b	1.5 - 15 ppm	2	CH30301	321	1
Hydrogen Peroxide 0.1/a	0.1 - 3 ppm	3	8101041	321	1
Hydrogen Sulphide 0.2/a	0.2 - 5 ppm	5	8101461	321	1
Hydrogen Sulphide 0.2/b	0.2 - 6 ppm	55 s	8101991	321	1
Hydrogen Sulphide 0.5/a	0.5 - 15 ppm	6	6728041	321	1
Hydrogen Sulphide 1/c	10 - 200 ppm 1 - 20 ppm	20 s 3	6719001	321	1
Hydrogen Sulphide 1/d	10 - 200 ppm 1 - 20 ppm	1 10	8101831	321	1
Hydrogen Sulphide 2/a	20 - 200 ppm 2 - 20 ppm	20 s 3.5	6728821	321	1
Hydrogen Sulphide 2/b	2 - 60 ppm	30 s	8101961	321	1
Hydrogen Sulphide 5/b	5 - 60 ppm	4	CH29801	321	1
Hydrogen Sulphide 100/a	100 - 2,000 ppm	30 s	CH29101	321	1
Hydrogen Sulphide 0.2%/A	0.2 - 7 Vol.-%	2	CH28101	321	1
Hydrogen Sulphide 2%/a	2 - 40 Vol.-%	1	8101211	321	1
Simultan. Tube H ₂ S + SO ₂ 0.2%/a	0.2 - 7 Vol.-%	2	CH28201	321	1
Iodine 0.1/a	1 - 5 ppm 0.1 - 0.6 ppm	1 5	8103521	321	1

Gas Detection Technology

Dräger-Tubes Measurement-System

Description	standard range of measurement [20 °C, 1013 hPa]	measurement time [s or min.]	Order Code	Product Category	Packing unit
i-Propanol 50/a	50 - 4000 ppm	2.5	8103741	321	1
Mercaptan 0.1/a	0.1 - 2.5 ppm	3	8103281	321	1
Mercaptan 0.5/a	0.5 - 5 ppm	5	6728981	321	1
Mercaptan 20/a	20 - 100 ppm	2.5	8101871	321	1
Mercury Vapour 0.1/b	0.05 - 2 mg/m ³	10	CH23101	321	1
Methanol 20/a	20 - 250 ppm 200 - 5000 ppm	6 2	8103801	321	1
Methyl Acrylate 5/a	5 - 200 ppm	5	6728161	321	1
Methyl Bromide 0.1/a	0.1 - 5 ppm	10	3706301	321	1
Methylene Chloride 20/a	20 - 200 ppm	7	8103591	321	1
Natural Gas Odorization, (Tertiary Butylmercaptan)	3 - 15 mg/m ³ 1 - 10 mg/m ³	3 5	8103071	321	1
Natural Gas Test (5)	qualitative	100 s	CH20001	321	1
n-Butanol 10/a	10 - 250 ppm 250 - 2000 ppm	6 1	8103861	321	1
Nickel Tetracarbonyl 0.1/a (9)	0.1 - 1 ppm	5	CH19501	321	1
Nitric Acid 1/a	5 - 50 ppm 1 - 15 ppm	2 4	6728311	321	1
Nitrogen Dioxide 0.1/a	0,1 - 5 ppm 5 - 30 ppm	75 s 15 s	8103631	321	1
Nitrogen Dioxide 2/c	5 - 100 ppm 2 - 50 ppm	1 2	6719101	321	1
Nitrous Fumes 0.2/a	0,2 - 6 ppm	75 s	8103661	321	1
Nitrous Fumes 2/a	5 - 100 ppm 2 - 50 ppm	1 2	CH31001	321	1
Nitrous Fumes 50/b	50 - 1,000 ppm 500 - 4,000 ppm	40 s 80 s	8103941	321	1
Oil 10/a-P	0.1 - 1 mg/m ³	25	6728371	321	1
Oil Mist 1/a	1 - 10 mg/m ³	25	6733031	321	1
Olefine 0.05%/a - Propylene - Butylene	0.06 - 3.2 Vol.-% 0.04 - 2.4 Vol.-%	5	CH31201	321	1
Organ. Arsenic Compounds and Arsine	0.3 mg/m ³ as AsH ₃	3	CH26303	321	1

Gas Detection Technology

Dräger-Tubes Measurement-System

Description	standard range of measurement [20 °C, 1013 hPa]	measurement time [s or min.]	Order Code	Product Category	Packing unit
Organic Basic Nitrogen Compounds	1 mg/m ³ threshold value	1.5	CH25903	321	1
Oxygen 5%/B (8)	5 - 23 Vol.-%	1	6728081	321	1
Oxygen 5%/C	5 - 23 Vol.-%	1	8103261	321	1
Ozone 0.05/b	0.05 - 0.7 ppm	3	6733181	321	1
Ozone 10/a	20 - 300 ppm	20 s	CH21001	321	1
Pentane 100/a	100 - 1,500 ppm	15 s	6724701	321	1
Perchloroethylene 0.1/a	0.5 - 4 ppm 0.1 - 1 ppm	3 9	8101551	321	1
Perchloroethylene 2/a	20 - 300 ppm 2 - 40 ppm	30 s 3	8101501	321	1
Petroleum Hydrocarbons 10/a	10 - 300 ppm	1	8101691	321	1
Petroleum Hydrocarbons 100/a	100 - 2,500 ppm	30 s	6730201	321	1
Phenol 1/b	1 - 20 ppm	5	8101641	321	1
Phosgene 0.02/a	0.02 - 1 ppm 0.02 - 0.6 ppm	6 12	8101521	321	1
Phosgene 0.25/c	0.25 - 5 ppm 0.01 - 0.3 ppm	1 8	CH28301	321	1
Phosphine 0.01/a	0.1 - 1 ppm 0.01 - 0.3 ppm	2.5 8	8101611	321	1
Phosphine 0.1/c	0.5 - 3 ppm 0.1 - 1.0 ppm	1 2.5	8103711	321	1
Phosphine 0.1/b	1 - 15 ppm	20 s	8103341	321	1
in Acetylene	0.1 - 1 ppm	4		321	1
Phosphine 1/a	10 - 100 ppm 1 - 20 ppm	2 10	8101801	321	1
Phosphine 25/a	200 - 10,000 ppm 200 - 10,000 ppm	1.5 13	8101621	321	1
Phosphine 50/a	50 - 1,000 ppm	2	CH21201	321	1
Phosphoric Acid Ester 0.05/a	0.05 ppm	5	6728461	321	1
Polytest	qualitative	1.5	CH28401	321	1
Pyridine 5/A	5 ppm	20	6728651	321	1
Styrene 10/a	10 - 200 ppm	3	6723301	321	1
Styrene 10/b	10 - 250 ppm	3	6733141	321	1
Styrene 50/a	50 - 400 ppm	2	CH27601	321	1

Gas Detection Technology

Dräger-Tubes Measurement-System

Description	standard range of measurement [20 °C, 1013 hPa]	measurement time [s or min.]	Order Code	Product Category	Packing unit
Sulphur Dioxide 0.1/a	0.1 - 3 ppm	20	6727101	321	1
Sulphur Dioxide 0.5/a	1 - 25 ppm 0.5 - 5 ppm	3 6	6728491	321	1
Sulphur Dioxide 1/a	1 - 25 ppm	3	CH31701	321	1
Sulphur Dioxide 20/a	20 - 200 ppm	3	CH24201	321	1
Sulphur Dioxide 50/b	400 - 8,000 ppm 50 - 500 ppm	15 s 3	8101531	321	1
Sulphuric Acid 1/a (9)	1 - 5 mg/m ³	100	6728781	321	1
Sulfuryl Fluoride 1/a (5)	1 - 5 ppm	3	8103471	321	1
Tertiary Butylmercaptan (Natural Gas Odorization)	3 - 15 mg/m ³ 1 - 10 mg/m ³	3 5	8103071	321	1
Tetrahydrothiophene 1/b (5)	1 - 10 ppm 4 - 40 mg/m ³	10	8101341	321	1
Thioether	1 mg/m ³ threshold value	1.5	CH25803	321	1
Toluene 5/b	50 - 300 ppm 5 - 80 ppm	2 10	8101661	321	1
Toluene 50/a	50 - 400 ppm	1.5	8101701	321	1
Toluene 100/a	100 - 1,800 ppm	1.5	8101731	321	1
Toluene Diisocyanate 0.02/A (9)	0.02 - 0.2 ppm	20	6724501	321	1
Trichloroethane 50/d (5)	50 - 600 ppm	2	CH21101	321	1
Trichloroethylene 2/a	20 - 250 ppm 2 - 50 ppm	1.5 2.5	6728541	321	1
Trichloroethylene 50/a	50 - 500 ppm	1.5	8101881	321	1
Triethylamine 5/a	5 - 60 ppm	3	6718401	321	1
Vinyl Chloride 0.5/b	5 - 30 ppm 0.5 - 5 ppm	30 s 3	8101721	321	1
Vinyl Chloride 100/a	100 - 3,000 ppm	4	CHI9601	321	1
Water Vapour 0.1	1 - 40 mg/L	2	CH23401	321	1
Water Vapour 0.1/a	0.1 - 1.0 mg/L	1.5	8101321	321	1
Water Vapour 3/a	3.0 - 60 lbs/mmcf	90 s	8103031	321	1
Water Vapour 1/b	20 - 40 mg/L 1 - 8 mg/L	20 s 40 s	8101781	321	1
Water Vapour 50/a	50 - 1000 lbs/mmcf	40 s	8103021	321	1
Xylene 10/a	10 - 400 ppm	1	6733161	321	1

Gas Detection Technology

Dräger-Tubes Measurement-System

Description	standard range of measurement [20 °C, 1013 hPa]	measurement time [s or min.]	Order Code	Product Category	Packing unit
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Simultaneoustest Set

For semiquantitative measurements a set of five specially calibrated tubes are provided in a rubber fixture. The set is connected to a five tube adapter which is connected to the Dräger-Tube pump and the air sample is drawn through all five tubes simultaneously. The concentrations are indicated as multiples of a threshold.



Dräger Simultaneoustest Set



Dräger Simultaneous Fumigation I	Fumigants	3	8103410	321	1
Dräger Simultaneous Fumigation II	Fumigants	4	8103380	321	1
Dräger Simultaneous TIC I	inorganic Fumes	40 s	8101735	321	1
Dräger Simultaneous TIC II	inorganic Fumes	40 s	8101736	321	1
Dräger Simultaneous TIC III	organic Fumes	2	8101770	321	1
Dräger Simultaneous Indicator Substances		2	8103170	321	1
Dräger Clandestine Labtest-Set	Solvents	1	8103310	321	1
Adapter Dräger Simultaneous TIC consisting of cutting holder and adapter			6400090	311	1
Fit-up aid for 8103380			8318110	311	1
Special Dräger-Tubes for Fire Brigades Applications					
Dräger Simultaneous TIC I	inorganic Fumes	40 s	8101735	321	1
Dräger Simultaneous TIC II	inorganic Fumes	40 s	8101736	321	1
Dräger Simultaneous TIC III	organic Fumes	40 s	8101770	321	1
Dräger Simultaneous Indicator Substances		2	8103170	321	1
Polytest	qualitative	1.5	CH28401	321	1

Gas Detection Technology

Dräger-Tubes Measurement-System

Description	standard range of measurement [20 °C, 1013 hPa]	measurement time [s or min.]	Order Code	Product Category	Packing unit
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Special Dräger-Tubes for Military Applications

Organic Arsenic Compounds and Arsine	0.3 mg/m ³ as AsH ₃	30 s	CH26303	321	1
Organic Bas. Nitrogen Compounds	1 mg/m ³ threshold value	1.5	CH25903	321	1
Phosphoric Acid Ester 0,05/a	0.05 ppm Dichlorvos	5	6728461	321	1
Simultaneous -Set / Submarine			8103180	321	1
CDS-Set I			8103140	321	1
CDS-Set V			8103200	321	1

Gas Detection Technology

Dräger-Tubes Measurement-System

Description	Order Code	Product Category	Packing unit
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Dräger Sampling Tubes and -Systems

Using the Dräger sampling tubes and systems, hazardous substances in the air are collected using a suitable medium by adsorption or chemisorption. The sample is then analysed in the laboratory by means of various analytical methods.

For the analysis of the samples, we recommend our analytical service.



Dräger-Sampling Tubes & Systems for short- and Long-Term Measurement



Dräger-Activated Charcoal Tubes

Activated Charcoal Tubes Type NIOSH

Adapter necessary

- package of 10 tubes	6728631	324	1
- package of 50 tubes	6400741	324	1
- package of 200 tubes	6400742	324	1
Activated Charcoal Tubes Type BIA			
- package of 10 tubes	6733011	324	1
- package of 50 tubes	6400743	324	1
- package of 200 tubes	6400744	324	1
Activated Charcoal Tubes Type G			
- package of 10 tubes	6728831	324	1
- package of 50 tubes	6400745	324	1
- package of 200 tubes	6400746	324	1
Activated Charcoal Type B/G			
- package of 10 tubes	8101821	324	1

Dräger-Silicagel Tubes

Silica Gel Tubes Type BIA	6733021	324	1
Silica Gel Tubes Type G	6728851	324	1
Silica Gel Tubes Type B/G	8101861	324	1
Sampling Tubes ADS For sampling of aliphatic amines from air	8101271	324	1

Gas Detection Technology

Dräger-Tubes Measurement-System

Description	Order Code	Product Category	Packing unit
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Dräger Orsa-Diffusionssamplers

For sampling of volatile organic compounds from air

Dräger ORSA 5 Package of 5 Sampler	6728891	324	1
Dräger ORSA 25 Package of 25 Sampler	6728919	324	1

Dräger Diffusionssamplers

For Immission control measurements

Dräger ORSA-Indoor For sampling of volatile organic compounds from Indoor air, including analysis of e.g. 60 indoor substances. Sample taking duration 14 days.	6400365	324	1
Isocyanate Sampling Set For sampling of isocyanate, including analysis (e.g. TDI, HDI, MDI) in air.	6400131	324	1
Aldehyde Sampling Set For sampling of aldehyde, including analysis (e.g. formaldehyde, acetaldehyde, glutardialdehyde) in air	6400271	324	1

Gas Detection Technology

Dräger-Tubes Measurement-System

Description	Order Code	Product Category	Packing unit
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Dräger Air Flow tester

Slight air currents must become visible. The detection of air currents is of particular importance; e. g. to estimate the distribution of toxic substances at workplaces and to select the right measuring points for any air analysis.



Dräger Flow-Check

The Dräger Flow Check air current indicator produces a harmless cloud of smoke that floats freely and easily, because it has the same density as ambient air. Consequently, slight air currents become visible.



Dräger Flow-Check Air flow indicator with battery charger, with one pack of ampoules (3), battery pack, packed in a transport case	6400761	311	1
Dräger Flow-Check ampoules (3 pcs.)	6400812	321	1
Charger			
Battery charger 4.8 V - 12 V, 0,8A	3703625	981	1
Accessories			
Spare part battery pack	6400817	391	1

Air-flow tester

Air-flow tester kit contained in a carrying box, comprising an Aspirator bulb, air flow, test tubes (10 pieces) and rubber cups.



Air-flow tester	CH00216	321	1
Accessories			
Air-flow test tubes (pack of 10)	CH25301	321	1
Aspirator bulb	CH12868	321	1
Package of 10 rubber cups	CH16631	321	1
Spare Parts			

For the spare parts please refer to our spare parts lists which you receive on request: E 4244.000

Gas Detection Technology

Dräger Environmental Analysis

Dräger-Liquid-Extraction Method for the Measurement of Contaminants in Liquid Samples	92
Dräger-Tubes for the Measurement of Contaminants in Liquid Samples	92
Dräger-Diffusion Tubes with Direct Indication	94

Gas Detection Technology

Dräger Environmental Analysis

Description	measurement range [1013 hPa]	Dräger-Tube description	Order Code	Product Cat	Packing unit
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Dräger-Liquid-Extraction method for the measurement of contaminants in liquid samples

The Dräger Liquid Extraction method (DLE) is no longer manufactured. However, Dräger-Tubes are still offered for this set.



Dräger-Tubes for the measurement of contaminants in liquid samples

Anorganic Substances					
Ammonia	1.5 - 10 mg/L 10 - 100 mg/L	Ammonia 0.25/a Ammonia 0.25/a	8101711	321	1
Hydrocyanic Acid (Cyanide)	0.5 - 10 mg/L	Hydrocyanic Acid 0,5/a	8103601	321	1
Hydrogen Sulphide (total Sulphide)	50 - 500 µg/L 0.2 - 1 mg/L 0.5 - 10 mg/L	Hydrogen Sulphide 0.2/a Hydrogen Sulphide 1/c Hydrogen Sulphide 5/b	8101461 6719001 CH29801	321 321 321	1 1 1
Aliphatic Hydrocarbons					
Diesel fuels	0.5 - 5 mg/L	Petroleum Hydrocarbons 10/a	8101691	321	1
Gasoline (for n-Octane only)	0.1 - 2 mg/L 2 - 25 mg/L	Petroleum Hydrocarbons 10/a Petroleum Hydrocarbons 100/a	8101691 6730201	321 321	1 1
Jet fuels (Kerosine)	0.5 - 5 mg/L	Petroleum Hydrocarbons 10/a	8101691	321	1
n-Octane	0.1 - 2 mg/L 2 - 25 mg/L	Petroleum Hydrocarbons 10/a Petroleum Hydrocarbons 100/a	8101691 6730201	321 321	1 1
Aromatic Hydrocarbons					
Benzene	0.5 - 5 mg/L	Benzene 2/a (5)	8101231	321	1
Chlorobenzene	qualitative	Chlorobenzene 5/a (5)	6728761	321	1
Total BTX	0.2 - 5 mg/L	Toluene 5/b	8101661	321	1
Total BTX (soil analysis)	2 - 50mg/Kg	Toluene 5/b	8101661	321	1

Gas Detection Technology

Dräger Environmental Analysis

Description	measurement range [1013 hPa]	Dräger-Tube description	Order Code	Product Cat	Packing unit
Toluene	1 - 10 mg/L	Toluene 50/a	8101701	321	1
Xylene (o, m, p)	0.3 - 10 mg/L	Xylene 10/a	6733161	321	1
Chlorinated Hydrocarbons					
Perchloroethylene	10 - 80 µg/L	Perchloroethylene 0.1/a	8101551	321	1
	0.1 - 2 mg/L	Perchloroethylene 2/a	8101501	321	1
1.1.1-Trichloroethane	0.5 - 5 mg/L	Trichloroethane 50/d (5)	CH21101	321	1
Trichloroethylene	10 - 100 µg/L	Perchloroethylene 0.1/a	8101551	321	1
	0.1 - 1 mg/L	Perchloroethylene 2/a	8101501	321	1
	0.2 - 3 mg/L	Trichloroethylene 2/a	6728541	321	1
Organic Acids					
Acetic Acid	0.5 - 20 g/L	Acetic Acid 5/a	6722101	321	1
Formic Acid	1 - 20 g/L	Acetic Acid 5/a	6722101	321	1
Organic Acids (sum parameter)	0.5 - 15 g/L	Acetic Acid 5/a	6722101	321	1
Propionic Acid	0.3 - 10 g/L	Acetic Acid 5/a	6722101	321	1
Addit. measur. instruct. (qualitative/quantitative) for different matrices			1947796		

Gas Detection Technology

Dräger Environmental Analysis

Description	standard range of measurement [20 °C, 1013 hPa]	measurement time [s or min.]	Order Code	Product Category	Packing unit
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Dräger-Diffusion Tubes with direct indication holder

The Dräger-Diffusion Tubes are direct reading systems used for the determination of time weighted average concentrations over the duration of one to eight hours. Since these are passive measurement systems, relying on the diffusion of contaminant molecules in air, they do not require a pump. The diffusion tubes are used with a plastic holder which is attached to the clothing (Shirt collar, pocket, etc.).



Dräger-Diffusion Tubes



Ammonia 20/a-D	20 - 1,500 ppm	2.5 - 200 ppm	8101301	321	1
Butadiene 10/a-D	10 - 300 ppm	1.3 - 40 ppm	8101161	321	1
Nitrogen Dioxide 10/a-D	10 - 200 ppm	1.3 - 25 ppm	8101111	321	1
Holder for Diffusion Tubes (pack of 3 pieces)			6733014	311	1

Gas Detection Technology

Portable Measuring Devices for Compressed Breathing Gases

Dräger-Tubes and devices for compressed breathing gases	96
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Gas Detection Technology

Portable Measuring Devices for Compressed Breathing Gases

Description	standard range of measurement [20 °C, 1013 hPa]	Order Code	Product Category	Packing unit
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Dräger-Tubes and Devices for Compressed Breathing Gases



Ammonia 2/a	0.6 – 9 ppm	6733231	321	1
Carbon Dioxide 100/a-P	100 – 3000 ppm	6728521	327	1
Carbon Monoxide 5/a-P	5 – 150 ppm	6728511	327	1
Hydrogen Sulphide 0.2/a	0.04 – 1 ppm	8101461	321	1
Hydrogen Sulphide 1/d	1 – 20 ppm	8101831	321	1
Nitrous Fumes 0.2/a	0.2 – 6 ppm	8103661	321	1
Oil 10/a-P	0.1 – 1 mg/m ³	6728371	327	1
Oil PN only for use in Aerotest Navy	5 mg/m ³	8103111	327	1
Phosphine 0.1/c	0.1 – 4 ppm	8103711	321	1
Sulphur Dioxide 0,5/a	1 – 25 ppm	6728491	321	1
Sulphur Dioxide 1/a	0.5 – 2 ppm	CH31701	321	1
Water Vapour 5/a-P	5 – 200 mg/m ³	6728531	327	1
Water Vapour 20/a-P	20 – 250 mg H ₂ O/m ³ 35 – 500 mg H ₂ O/m ³ 150 – 1500 mg H ₂ O/m ³	8103061	327	1

Gas Detection Technology

Portable Measuring Devices for Compressed Breathing Gases

Description	standard range of measurement [20 °C, 1013 hPa]	Order Code	Product Category	Packing unit
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Measurement with Dräger Oil Impactor

To detect oil mist in compressed air the Dräger Oil Impactor is used. Besides measurements of mineral oils the Draeger Oil Impactor enables the measurement of synthetic oils independent of the oil type and viscosity.



Impactor for measurement of oil mist in compressed air	0.1 – 1 mg/m ³	8103530	327	1
Oil-Impactor Oil-Impactor (10)	0.1 – 1 mg/m ³	8103560	327	1
Oil Impactor 2 for Aerotest 5000 (10)	0.1 – 1 mg/m ³	8103530	327	1
Adapter for Dräger Oil-Impactor		8103557	951	1
Tube Holder		CH07000	327	1

Gas Detection Technology

Portable Measuring Devices for Compressed Breathing Gases

Description	standard range of measurement [20 °C, 1013 hPa]	Order Code	Product Category	Packing unit
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Dräger Aerotest Alpha

The Dräger Aerotest Alpha is used to measure the quality of breathing air delivered by a low-pressure system (e.g. compressor or compressed air cylinder).

- The quality of the breathing air can be tested in accordance to DIN EN 12021 by means of quantitative measurements of the contaminations
- Dräger-tubes or Dräger Impactor are used for measuring
- Quick-check measurement in 5 minutes with high accuracy
- The values can be measured simultaneously or individually
- The measuring device, barbed nipple, can be connected to the low pressure compressed air supply systems
- All components of the Aerotest Alpha are arranged in a Transport case ready for use



Dräger Aerotest Alpha

- 1 Pressure Reducer
- 1 Measuring Device for 4 Tubes
- 1 Adapter Impactor
- 1 Sealing Cap
- 1 Barbed Nipple
- 1 Bubble Test Hose
- 1 Tube opener Dräger TO 7000
- 1 Timer
- 1 Instructions for Use
- 1 Transport Case



Dräger Aerotest Alpha Without Dräger-Tubes	6527149	327	1
Dräger Aerotest Alpha, complete with: - 1 Box of 10 Dräger-Tubes, Carbon Dioxide 100/a-P - 1 Box of 10 Dräger-Tubes, Carbon Monoxide 5/a-P - 1 Box of 10 Dräger-Tubes, Water Vapour 20/a-P - 1 Box of 10 Dräger Oil-Impactor	6527150	327	1

Dräger-Tubes

Each package includes ten Dräger-tubes / Dräger Oil-Impactor



Carbon Dioxide 100/a-P	100 - 3000 ppm	6728521	327	1
Carbon Monoxide 5/a-P	5 - 150 ppm	6728511	327	1
Water Vapour 20/a-P	20 - 100 mg/m ³	8103061	327	1
Oil-Impactor		8103560	327	1

Gas Detection Technology

Portable Measuring Devices for Compressed Breathing Gases

Description	standard range of measurement [20 °C, 1013 hPa]	Order Code	Product Category	Packing unit
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Dräger MultiTest med. Int.

With the Dräger MultiTest med. Int. contaminants in the low-pressure system in compressed air, nitrous oxide, carbon dioxide and oxygen according to USP (United States pharmacopeia as well as the European Pharmacopeia) requirements can be measured.

- The values can be measured both simultaneously or individually
- Dräger-Tubes and Oil-Impactor are used for quantitative measurement of water vapor, oil, CO₂, SO₂, H₂S, NOX, CO and other contaminants in medical gases
- The measuring device is connected with different barbed-nipple adapters
- All components of the MultiTest med. Int. are arranged in a Transport case ready for use



Dräger MultiTest med. Int.

- 1 O₂-Pressure Regulator (3 - 20 bar)
- 1 Measuring Device for 7 Dräger-Tubes
- 1 Adapter Impactor
- 1 NIST Connection
- 1 Sealing Cap
- 1 Hose Coupling
- 1 Bubble Test Hose
- 1 Tube opener Dräger TO 7000
- 1 Timer
- 1 Instructions for Use
- 1 Transport Case



Dräger MultiTest med. Int. Without Dräger-Tubes		6527319	327	1
Dräger MultiTest med. Int., complete with: - 1 Box of 10 Dräger-Tubes, Carbon Dioxide 100/a-P - 1 Box of 10 Dräger-Tubes, Carbon Monoxide 5/a-P - 1 Box of 10 Dräger-Tubes, Hydrogen Sulphide 1/d - 1 Box of 10 Dräger-Tubes, Nitrous Fumes 0.2/a - 1 Box of 10 Dräger-Tubes, Sulphur Dioxide 0.5/a - 1 Box of 10 Dräger-Tubes, Water Vapour 20/a-P - 1 Box of 10 Dräger Oil-Impactor		6520260	327	1
Dräger MultiTest med. Int., complete with: - 1 Box of 10 Dräger-Tubes, Carbon Dioxide 100/a-P - 1 Box of 10 Dräger-Tubes, Carbon Monoxide 5/a-P - 1 Box of 10 Dräger-Tubes, Hydrogen Sulphide 1/d - 1 Box of 10 Dräger-Tubes, Nitrous Fumes 0.2/a - 1 Box of 10 Dräger-Tubes, Sulphur Dioxide 0.5/a - 1 Box of 10 Dräger-Tubes, Water Vapour 20/a-P - 1 Box of 10 Dräger-Tubes, Oil 10/a-P		6535122	327	1

Gas Detection Technology

Portable Measuring Devices for Compressed Breathing Gases

Description	standard range of measurement [20 °C, 1013 hPa]	Order Code	Product Category	Packing unit
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Dräger-Tubes

Each package includes ten Dräger-tubes / Dräger Oil-Impactor



Carbon Dioxide 100/a-P	100 - 3000 ppm	6728521	327	1
Carbon Monoxide 5/a-P	5 - 150 ppm	6728511	327	1
Hydrogen Sulphide 1/d	1 - 20 ppm	8101831	321	1
Nitrous Fumes 0.2/a	0.2 - 6 ppm	8103661	321	1
Sulphur Dioxide 0.5/a	1 - 25 ppm	6728491	321	1
Water Vapour 20/a-P	20 - 1500 mg/m ³	8103061	327	1
Oil 10/a-P		6728371	327	1
Oil-Impactor		8103560	327	1

Gas Detection Technology

Portable Measuring Devices for Compressed Breathing Gases

06

Description	standard range of measurement [20 °C, 1013 hPa]	Order Code	Product Category	Packing unit
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Dräger SimultanTest CO₂

The Dräger SimultanTest CO₂ is used for quantitative measurement of contaminants in carbon dioxide supply systems.

- The quality of the carbonic acid can be tested by means of quantitative measurements of the contaminations
- Quick-check measurement in 5 minutes with high accuracy
- The measuring device, barbed nipple, can be connected to the low pressure carbon dioxide supply systems.
- Dräger-Tubes are used for measuring
- The values can be measured either simultaneously or individually
- All components of the SimultanTest CO₂ are arranged in a Transport case ready for use



Dräger SimultanTest CO₂

- 1 O₂-pressure regulator
- 1 Measuring device for 7 tubes
- 1 Sealing cap (G1/4)
- 1 Bubble test
- 1 Tube opener Dräger TO 7000
- 1 Timer
- 1 Instruction for use
- 1 Transport case



Dräger SimultanTest CO ₂ Without Dräger-Tubes	6526743	327	1
Dräger SimultanTest CO₂, complete with: 1 Box of 10 Dräger-Tubes, Ammonia 2/a 1 Box of 10 Dräger-Tubes, Nitrous Fumes 0.2/a 1 Box of 10 Dräger-Tubes, Phosphine 0.1/c 1 Box of 10 Dräger-Tubes, Carbon Monoxide 5/a-P 1 Box of 10 Dräger-Tubes, Sulphur Dioxide 1/a 1 Box of 10 Dräger-Tubes, Hydrogen Sulphide 0.2/a 1 Box of 10 Dräger-Tubes, Water Vapour 5/a-P	6526170	327	1

Dräger-Tubes

Each package includes ten Dräger-tubes / Dräger Oil-Impactor



Ammonia 2/a	2 - 30 ppm	6733231	321	1
Carbon Monoxide 5/a-P	5 - 150 ppm	6728511	327	1
Hydrogen Sulphide 0.2/a	0.2 - 5 ppm	8101461	321	1
Nitrous Fumes 0.2/a	0.2 - 6 ppm	8103661	321	1
Phosphine 0.1/c	0.1 - 1 ppm	8103711	321	1
Sulphur Dioxide 1/a	1 - 25 ppm	CH31701	321	1
Water Vapour 5/a-P	2 - 450 mg/m ³	6728531	327	1

Gas Detection Technology

Portable Measuring Devices for Compressed Breathing Gases

Description	Order Code	Product Category	Packing unit
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Dräger Aerotest Simultaneous HP

The Dräger Aerotest Simultaneous HP is used to measure the quality of breathing air delivered by a high-pressure system (e.g. compressor or compressed air cylinder).

- Dräger-Tubes or Dräger Impactor are used for measuring
- Quick check in 5 minutes with high accuracy
- The values can be measured both simultaneously or individually
- All components of the Aerotest Simultaneous HP are arranged in a Transport case ready for use



Dräger Aerotest Simultaneous HP NOx / NF / USA

- 1 Pressure reducer with manual connection
- 1 Measuring device for 4 Tubes or 5 Tubes (only for NOx)
- 1 Adapter Impactor
- 1 Bubble test hose
- 1 Package of 5 sinter filters
- 1 Break-off device for tubes
- 1 Timer
- 1 Instructions for use
- 1 Transport case



Dräger Aerotest Simultaneous HP Without Dräger Tubes & Dräger Oil Impactor / connector: G 5/8	6525937	327	1
Dräger Aerotest Simultaneous HP, complete Including Dräger Tubes and Impactor / connector: G 5/8	6525951	327	1
Dräger Aerotest Simultaneous HP NOx, (measuring device for 5 tubes) Without Dräger Tubes & Dräger Oil Impactor / connector: G 5/8	6525975	327	1
Dräger Aerotest Simultaneous HP NF Without Dräger Tubes & Dräger Oil Impactor / connector: M25x2, INT	6525977	327	1
Dräger Aerotest Simultaneous HP NF, complete Including Dräger Tubes and Impactor / connector: M25x2, INT	6922747	327	1
Dräger Aerotest Simultaneous HP USA Without Dräger Tubes & Dräger Oil Impactor connector: G 5/8, CGA347-1 and 825-14 NGO-RH-EXT	6525980	327	1
Dräger Aerotest Simultaneous HP USA, complete Incl. Dräger Tubes and Impactor connector: G 5/8, CGA347-1 and 825-14 NGO-RH-EXT	6525990	327	1

Gas Detection Technology

Portable Measuring Devices for Compressed Breathing Gases

Description	standard range of measurement [20 °C, 1013 hPa]	Order Code	Product Category	Packing unit
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Dräger-Tubes

Each package includes ten Dräger-tubes / Dräger Oil-Impactor



Carbon Dioxide 100/a-P	100 - 3000 ppm	6728521	327	1
Carbon Monoxide 5/a-P	5 - 150 ppm	6728511	327	1
Water Vapour 20/a-P	20 - 100 mg/m ³	8103061	327	1
Nitrous Fumes 0.2/a	0.2 - 6 ppm	8103661	321	1
Oil-Impactor		8103560	327	1

Gas Detection Technology

Portable Measuring Devices for Compressed Breathing Gases

Description	standard range of measurement [20 °C, 1013 hPa]	Order Code	Product Category	Packing unit
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Dräger Aerotest Navy

The Aerotest Navy is used to measure the quality of breathing air delivered by a high-pressure system (e.g. compressor or compressed air cylinder).

- Dräger-Tubes are used for measuring - The breathing air is monitored according to DIN EN 12021
- The values can be measured both simultaneously or individually
- All components of the Aerotest Navy are arranged in a transport case ready for use



Dräger Aerotest Navy

- 1 Pressure reducer with manual connection
- 1 Measuring device for 4 tubes
- 1 Adapter for compressor valve PN 300 bar
- 1 Adapter for cylinder valve PN 300 bar
- 1 Bubble-Test
- 1 Timer
- 1 Dräger-Tube opener TO 7000
- 1 Instructions for use
- 1 Transport case



Dräger Aerotest Navy without Dräger-Tubes, Dräger-Tube pump accuro, Spare-part kit for Dräger-Tube pump accuro	6525970	327	1
Dräger Aerotest Navy, complete additionally with: 1 Box of 10 Dräger-Tubes, Carbon Dioxide 100/a-P 1 Box of 10 Dräger-Tubes, Carbon Monoxide 5/a-P 1 Box of 10 Dräger-Tubes, Oil PN 1 Box of 10 Dräger-Tubes, Water Vapour 20/a-P 1 Box of 10 Dräger-Tubes, Oxygen 5%/C 1 Dräger-Tube Pump accuro 1 Dräger Spare-part kit for Dräger-Tube Pump accuro	6525960	327	1

Dräger-Tubes

Each package includes ten Dräger-tubes / Dräger Oil-Impactor



Carbon Dioxide 100/a-P	100 - 3000 ppm	6728521	327	1
Carbon Monoxide 5/a-P	5 - 150 ppm	6728511	327	1
Water Vapour 20/a-P	20 - 100 mg/m ³	8103061	327	1
Oxygen 5%/C	5 - 23 vol %	8103261	321	1
Oil PN	5 mg/m ³	8103111	327	1

Gas Detection Technology

Portable Measuring Devices for Compressed Breathing Gases

06

Description	Order Code	Product Category	Packing unit
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Dräger OxyTest 2000

Portable O₂ measuring device for measuring the oxygen concentration in breathing air and oxygen/gas mixtures.

The oxygen concentration of mixed gas storage cylinders must be checked before, and of mixed-gas device cylinders after, filling.

For the operation of:

- mixed-gas cylinder filling systems
- mixed-gas boosters

The oxygen concentration of mixed gas storage cylinders must be checked before, and of mixed gas device cylinders after, filling.

Quick and simple use:

- via push-in connector
- component X-am 5000, indicates the determined oxygen value directly

Always ready for use:

- kept ready in the carry case



Dräger OxyTest 2000

- 1 Dräger X-am 5000
- 1 Handpump Adapter
- 1 Hose (5x1,5 FKM)
- 1 Adapter M24x2l-G3/4A, Nitrox
- 1 Adapter 903"-14NGO-RH-EXTI G3/4A220
- 1 Adapter G3/4A-W21.8x1/14"
- 1 Instruction for use
- 1 Transport case



Dräger OxyTest 2000	6906600	327	1
Accessories			
Adapter M24x2l-G3/4A, Nitrox	6530922	540	1
Adapter G3/4A- W21,8x1/14"	6530889	540	1
Adapter CGA-540l-G3/4A, Oxygen	6531413	540	1

Gas Detection Technology

Dräger-Accredited Measurement Center and Analytical Services

Analysis of Sampling Tubes and –Systems on
Organic Gases and Vapours

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Gas Detection Technology

Dräger-Accredited Measurement Center and Analytical Services

Description	Order Code	Product Category	Packing unit	Price/ea Excl. VAT
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The Dräger-Measurement Center is accredited according to DIN EN ISO / IEC 17025 (DAKKS D-PL-14186-01).

General services from the Dräger-measurement Center:



Work place measurement

According to German TRGS-Regulations (e.g. measurement of isocyanate in industry, measurement of solvents in print shops, etc.)

- Inspection, measurement planning and air sampling at the customer's premises
- Analysis of the samples
- Measuring report / survey report
- Suggestions of exposure reducing actions if necessary

Indoor pollutants

Volatile or gaseous substances play a more important role in interiors:

- Consulting, measurement planning acc. to ISO 16000 and VDI-regulations 4300
- Taking of air samples and if necessary samples of materials
Locally at the customer
- Analysis of the samples
- Measurement report according to indoor regulations and recommendations

Analysis of compressed air and other compressed gases

- Oil (aerosol and vapour) in accordance with ISO 8573
- Oil (aerosol) in compressed air for medical application in accordance with Eu. Ph.
- Measurement, planning and sampling locally at the customer or providing the sampling units; sampling done by the customer
- Analysis of the samples
- Findings measurement report
- Control measurement

Pricing

Since the expenditure for these services depends substantially on the number of measurements as well as on the range of the individual analyses, the price can be determined only in form of a detailed offer.

Address:

Dräger Safety AG & Co. KGaA

Analytical Services

Revalstraße 1,

23560 Lübeck,

Germany

E-mail: Analysenservice@Draeger.com

Gas Detection Technology

Dräger-Accredited Measurement Center and Analytical Services

Description	Order Code	Product Category	Packing unit
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Analysis of sampling tubes and – systems on organic gases and vapours at workplaces and indoor environments

Organic vapours e.g. alcohols, BTX, ester, ketons, perchloroethylene etc. sampling media: charcoal tube, Dräger ORSA-diffusion sampler. quantitative analysis of one substance	1947885	163	1
Quantitative analysis for each further substance	1947893	163	1
Complete Analysis Qualitative and quantitative analysis of all identified VOC's	1947915	163	1
Volatile organic compounds in the indoor air incl. sampling media (thermal-desorbition-tubes e.g. Tenax TA) TDS-VOC-Screening by GC-MS analysis	1947958	163	1
Glycol derivatives Sampling media: charcoal tube, Dräger ORSA-diffusion sampler qualitative and quantitative analysis of glycol derivatives	1947885	163	1
Ethylene oxide, Vinyl chloride, Sampling medium: charcoal tube, Dräger ORSA-diffusion sampler qualitative and quantitative analysis of ethylene oxide resp. vinyl chloride	1947885	163	1
Methanol or Phenol, Sampling medium: silicagel tube qualitative and quantitative analysis on methanol resp. phenol	1947885	163	1
Hydrocarbon mixtures (e.g. in accordance with RCP-method) Sampling medium: charcoal tube, Dräger ORSA-diffusion sampler	1947923	163	1
Volatile amins or n-heterocycles Sampling medium: sampling tube type ADS quantitative analysis of one substance	1947931	163	1
Overview analysis (16 substances)	1947966	163	1
Volatile Anesthesia Sampling medium: charcoal tube, Dräger ORSA-diffusion sampler Qualitative and quantitative analysis of desflurane, enflurane, halothane, Isoflurane, sevoflurane	1947907	163	1
Benzene resp. BTEX Sampling medium: Dräger ORSA-diffusion sampler > 50 sampler/analysis order/project	1941178	163	1

Gas Detection Technology

Dräger-Accredited Measurement Center and Analytical Services

Description	Order Code	Product Category	Packing unit
Isocyanate sampling set Sampling medium including analysis on TDI, HDI, MDI, etc.	6400131	324	1
Aldehyde sampling set Sampling medium including analysis on formaldehyde, acetaldehyde, glutaraldehyde, etc.	6400271	324	1
Oil aerosols + vapours (e.g. work place measurements) Including conditioned filters + XAD-cartridges	1941178	163	1
Rest oil content in compressed air (oil aerosols + vapours) In accordance with ISO 8573 Including conditioned filters + charcoal tube	1919504	163	1
Leasing of volume flow measurement device and a dosing unit for pressure air probe. Price per week	1941178	163	1
"Softening agents" like e.g. diethylhexyl phthalate (DEHP) Including sample medium (Tenax TA)	1941178	163	1

Express service

Rush orders for the analysis service (not for expert opinions / measuring center orders)

Analysis result within 5 days after sample receipt			15 % extra charge
Analysis result within 3 days after sample receipt			30 % extra charge

Gas Detection Technology

Fixed Gas Detection Systems

Toxic Gas Detection

Dräger Polytron 2000	111
Dräger Polytron 3000	113
Dräger Polytron 5100	117
Dräger Polytron 5720	120
Dräger Polytron 7000	122
Dräger Polytron 8100	126
Dräger Polytron 8720	130
Dräger PIR 7200	132
Dräger VarioGard 2320 / 3000 / 3320	134
Dräger PointGard 3100	135
Dräger PointGard 3720	138
SafEye 950/960	140

Flammable Gas Detection

Dräger PIR 3000	141
Dräger PIR 7000	143
Dräger Polytron 5200	146
Dräger Polytron 5310	148
Dräger Polytron 5700	150
Dräger Polytron 8200	152
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Dräger Pulsar 7000 Series	160
Dräger Polytron SE Ex / PEX 1000	164
Dräger PEX 3000	166
Dräger VarioGard 2300 / 3200 / 3300	168
Refrigerant Transmitter	169
Dräger PointGard 3200	171
Dräger PointGard 3700	173
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Wireless Gas Detection

Dräger X-node	176
Dräger Polytron 6100 EC WL	178
Dräger GasSecure GS01	181

Dräger Sensors for Fixed Gas Detection

DrägerSensor Ex Catalytic Bead Sensors	183
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Control Systems

Dräger REGARD 2400 / 2410	186
Dräger REGARD 3000	187
Dräger REGARD 3900 / 3910 / 3920	189
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Dräger Flame 3000	196
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Software

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Dräger REGARD configuration software	200

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Calibration Accessories	201
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Blind Plugs, Cable Glands, Reducer & Adapter	203

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Toxic Gas Detection Dräger Polytron® 2000

The Dräger Polytron 2000 transmitter is a cost optimized general purpose transmitter for continuous monitoring of toxic gases and oxygen in ambient air. The compact housing consists of two parts: the “Polytron docking station” and the “Polytron 2000” device.

The high measuring performance is based on the new DrägerSensor MEC which needs to be adapted to each Polytron 2000 with a MEC-key!



Transmitter			
Dräger Polytron 2000 CO 1000 ppm	8323681	340	1
Dräger Polytron 2000 CO 300 ppm	8323684	340	1
Dräger Polytron 2000 H ₂ S LC 20 ppm	8323685	340	1
Dräger Polytron 2000 H ₂ S LC 100 ppm	8323688	340	1
Dräger Polytron 2000 NH ₃ LC 200 ppm	8323689	340	1
Dräger Polytron 2000 NH ₃ HC 1000 ppm for use with DrägerSensor NH ₃ HC 6809645	8323741	340	1
Dräger Polytron 2000 NH ₃ TL 100 ppm	8328624	340	1
Dräger Polytron 2000 NH ₃ TL 300 ppm	8328625	340	1
Dräger Polytron 2000 NO 20 ppm	8328631	340	1
Dräger Polytron 2000 O ₂ LS 25 Vol.-%	8323747	340	1
Dräger Polytron 2000 O ₂ 25 Vol.-% for use with DrägerSensor O ₂ 6809720	8323745	340	1
Dräger Polytron 2000 Cl ₂ 10 ppm	8323750	340	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Sensors			
DrägerSensor MEC Cl ₂	6812745	367	1
DrägerSensor MEC CO	6812730	367	1
DrägerSensor MEC H ₂ S	6812735	367	1
DrägerSensor MEC NH ₃	6812750	367	1
DrägerSensor MEC NO	6812785	367	1
DrägerSensor MEC O ₂	6812740	367	1
DrägerSensor NH ₃ HC	6809645	367	1
DrägerSensor NH ₃ TL	6813095	367	1
DrägerSensor O ₂	6809720	367	1
Accessories			
Docking Station Polytron 2000	8323677	340	1
Splash guard	6812510	348	1
Dräger PSD 3000	8319270	348	1
MEC-Key	6812695	348	1
Set Hawke cable gland Polytron 3000/ 7000	8319029	348	1
Duct mount kit Polytron 3000/ 7000	8317150	348	1
Mounting set Polytron 2 IR/ 3000/ 7000	6809951	348	1
Calibration adapter V	6810536	348	1
Gassing adapter PE	6806978	348	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Toxic Gas Detection Dräger Polytron® 3000

The Dräger Polytron 3000 transmitter is an intrinsically safe gas detector for continuous monitoring of toxic gases and oxygen in ambient air. The compact housing consists of two parts: the “Polytron Docking Station” and the “Polytron 3000” device. This two component concept and quick lock mechanism provides greater flexibility and simplicity for installation.

Designed for one-man calibration the Polytron 3000 can either accept a pre-calibrated sensor or the sensor can be calibrated with the unit.



Transmitter for Acidic Compounds			
Dräger Polytron 3000 AC 10 ppm	8316657	340	1
Sensor for Acidic Compounds			
DrägerSensor Acidic Compounds AC	6810595	367	1
Transmitter for Ammonia			
Dräger Polytron 3000 NH ₃ LC 100 ppm	8316637	340	1
Dräger Polytron 3000 NH ₃ HC 300 ppm	8316638	340	1
Dräger Polytron 3000 NH ₃ HC 1000 ppm	8316639	340	1
Dräger Polytron 3000 NH ₃ TL 100 ppm	8328620	340	1
Dräger Polytron 3000 NH ₃ TL 300 ppm	8328621	340	1
Sensors for Ammonia			
DrägerSensor NH ₃ HC	6809645	367	1
DrägerSensor NH ₃ TL	6813095	367	1
Transmitter for Carbon monoxide			
Dräger Polytron 3000 CO 100 ppm	8316632	340	1
Dräger Polytron 3000 CO 300 ppm	8316631	340	1
Dräger Polytron 3000 CO 1000 ppm	8316630	340	1
Dräger Polytron 3000 CO LS 300 ppm	8316633	340	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Sensors for Carbon monoxide			
DrägerSensor CO	6809605	367	1
DrägerSensor CO LS	6809620	367	1
Transmitter for Chlorine			
Dräger Polytron 3000 Cl ₂ 1 ppm	8316647	340	1
Dräger Polytron 3000 Cl ₂ 10 ppm	8316648	340	1
Dräger Polytron 3000 Cl ₂ 25 ppm	8316649	340	1
Sensor for Chlorine			
DrägerSensor Cl ₂	6809665	367	1
Transmitter for Ethylene Oxide			
Dräger Polytron 3000 EO 50 ppm	8316658	340	1
Sensor for Ethylene Oxide			
DrägerSensor OV	6809615	367	1
Transmitter for Hydrogen			
Dräger Polytron 3000 H ₂ 1000 ppm	8316669	340	1
Sensor for Hydrogen			
DrägerSensor H ₂	6809685	367	1
Transmitter for Hydrogen Cyanide			
Dräger Polytron 3000 HCN 10 ppm	8328622	340	1
Dräger Polytron 3000 HCN 50 ppm	8328623	340	1
Sensor for Hydrogen Cyanide			
DrägerSensor HCN LC	6813200	367	1
Transmitter for Hydrogen Sulfide			
Dräger Polytron 3000 H ₂ S LC 20 ppm	8316634	340	1
Dräger Polytron 3000 H ₂ S LC 50 ppm	8316635	340	1
Dräger Polytron 3000 H ₂ S LC 100 ppm	8316636	340	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Sensor for Hydrogen Sulfide			
DrägerSensor H ₂ S	6810435	367	1
Transmitter for Hydrogen Chloride			
Dräger Polytron 3000 HCl 30 ppm	8316670	340	1
Sensor for Hydrogen Chloride			
DrägerSensor HCl	6809640	367	1
Transmitter for Nitric Oxide			
Dräger Polytron 3000 NO 20 ppm	3700766	340	1
Dräger Polytron 3000 NO LC 50 ppm	8316640	340	1
Sensor for Nitric Oxide			
DrägerSensor NO	6809625	367	1
Transmitter for Nitrogen Dioxide			
Dräger Polytron 3000 NO ₂ 5 ppm	8328618	340	1
Dräger Polytron 3000 NO ₂ 10 ppm	8328619	340	1
Sensor for Nitrogen Dioxide			
DrägerSensor NO ₂ LC	6813205	367	1
Transmitter for Oxygen			
Dräger Polytron 3000 O ₂ 25 Vol.-%	8316643	340	1
Dräger Polytron 3000 O ₂ LS 25 Vol.-%	8316645	340	1
Sensors for Oxygen			
DrägerSensor O ₂ LS	6809630	367	1
DrägerSensor O ₂	6809720	367	1
Transmitter for Ozone			
Dräger Polytron 3000 O ₃ 0.5 ppm	8328632	340	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Sensor for Ozon			
DrägerSensor Ozone	6814005	367	1
Transmitter for Sulfur Dioxide			
Dräger Polytron 3000 SO ₂ 10 ppm	8316646	340	1
Sensor for Sulfur Dioxide			
DrägerSensor SO ₂	6809660	367	1
Docking Station	8317990	347	1
Safety barrier zone 2	8323873	340	1
Manuals (not included in transmitter)			
IFU Dräger Polytron 3000 - German	9023785	340	1
IFU Dräger Polytron 3000 - English	9033020	340	1
IFU Dräger Polytron 3000 - Spanish	9033021	340	1
IFU Dräger Polytron 3000 - French	9033022	340	1
IFU Dräger Polytron 3000 - Dutch	9033023	340	1
IFU Dräger Polytron 3000 - Swedish	9033024	340	1
IFU Dräger Polytron 3000 - Portuguese	9033385	340	1
IFU Dräger Polytron 3000 - Hungarian	9300612	340	1
IFU Dräger Polytron 3000 - Koreanisch	9300612	340	1
Accessories			
Splash guard AC L	6809379	348	1
Splash guard	6812510	348	1
Dräger PSD 3000	8319270	348	1
Set Hawke cable gland Polytron 3000/ 7000	8319029	348	1
Duct mount kit Polytron 3000/ 7000	8317150	348	1
Mounting set Polytron 2 IR/ 3000/ 7000	6809951	348	1
Calibration adapter V	6810536	348	1
Gassing adapter PE	6806978	348	1
Calibration-/process adapter AC L	6809380	348	1
Calibration-/process adapter 2 AC	8324093	348	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Toxic Gas Detection Dräger Polytron® 5100

The Dräger Polytron 5100 EC is a cost-effective explosion proof transmitter for the detection of toxic gas or oxygen. It uses a plug and play electrochemical DrägerSensor to detect a specific gas. 2 or 3 wire 4-20 mA output with relays make it compatible with most control systems. You can choose between explosion proof “d” (USA) or flame proof increased safety “e” version (Europe) and aluminum (A) or stainless steel (S). All stainless steel (S) versions include stainless steel blind plugs.

*The docking station (E-Box) is included with every “e” version. A configurable part number 8344500 is available for some stainless steel variants. Please calculate the total price by adding the options below to the base price.



Transmitter			
Dräger Polytron 5100 EC d A	8344860	370	1
Dräger Polytron 5100 EC d A relay	8344121	370	1
Dräger Polytron 5100 EC d S	8344862	370	1
Dräger Polytron 5100 EC d S relay	8344123	370	1
Dräger Polytron 5100 EC e A*	8344124	370	1
Dräger Polytron 5100 EC e A relay*	8344125	370	1

Polytron 5100 Configurator 8344500 Ex

Ex d Aluminum Base Transmitter w/o Sensor			
Polytron 5100 d A 4-20mA Base Transmitter	PR00925		
Housing Classification (optional: select one only)			
Ex e Version w/ Docking Station w/o Relays	PR00921		
Ex e Version w/ Docking Station Required for Relays	PR00922		
Interfaces (optional)			
Relay Option (3 relays)	PR00915		
Housing Material (optional)			
Stainless Steel 316L	PR00894		

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Sensors			
Please consult the General Accessories section for a list of replacement dust and selective filters			
DrägerSensor Acidic Compounds AC	6810595	367	1
DrägerSensor Cl ₂	6809665	367	1
DrägerSensor CO	6809605	367	1
DrägerSensor CO LS	6809620	367	1
DrägerSensor CO LH	6812570	367	1
DrägerSensor COCl ₂	6809930	367	1
DrägerSensor H ₂	6809685	367	1
DrägerSensor H ₂ O ₂ LC	6809705	367	1
DrägerSensor H ₂ S	6810435	367	1
DrägerSensor H ₂ S HC	6809710	367	1
DrägerSensor HCN LC	6813200	367	1
DrägerSensor Hydride	6809635	367	1
DrägerSensor NH ₃ HC	6809645	367	1
DrägerSensor NH ₃ TL	6813095	367	1
DrägerSensor NH ₃ TH	6800055	367	1
DrägerSensor NO LC	6809625	367	1
DrägerSensor NO ₂ LC	6813205	367	1
DrägerSensor O ₂	6809720	367	1
DrägerSensor O ₂ LS	6809630	367	1
DrägerSensor OV 1	6810740	367	1
DrägerSensor OV 2	6810745	367	1
DrägerSensor SO ₂	6809660	367	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Accessories			
Weather protection set Polytron 5/6/8xx0 (only fits P5/8xx0 d variant)	3702198	348	1
Splash guard (not compatible with all sensors)	6812510	348	1
Magnetic Wand (blue body, white logo)	4544101	348	1
Gassing adapter PE (white silicone)	6806978	348	1
Calibration adapter V (black rubber)	6810536	348	1
EC sensing head remote w/ wall mount kit (requires cable)	6812684	372	1
Remote cable + plug (5m) Polytron 5xx0/8xx0	8323305	348	1
Remote cable + plug (15m) Polytron 5xx0/8xx0	8323315	348	1
Remote cable + plug (30m) Polytron 5xx0/8xx0	8323330	348	1
Duct adapter for EC sensing head remote (min 10 cm diameter)	8317617	348	1
Process adapter RS EC stainless steel remote sensor	8323404	348	1
P5/6/8x00 horizontal surface bracket	3728095	348	1
Duct mount kit Polytron 5x0/8x00 (non IR)	6812725	348	1
Pole mount kit Polytron 5xx0/8xx0	4544198	348	1
Docking Station/ E-Box Polytron 5xx0/8xx0 Power	8344027	348	1
Docking Station/ E-Box Polytron 5xx0/8xx0 (for relay/remote)	8344028	348	1
Cable gland for Docking Station / E-Box Polytron 5xx0/8xx0	6812868	394	1
Blind plug 316L st. steel ¾" NPT for SS housing (set of 2 pcs.)	4544897	384	1
IR Connection Kit Polytron 5xx0/8xx0 (requires PolySoft)	4544197	348	1
Dräger PolySoft Basic, Configuration Software License (free updates for 1 year)	8328600	316	1
Dräger PolySoft Basic, Configuration Software License (yearly fee - unlimited free updates)	8328601	316	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Toxic Gas Detection Dräger Polytron® 5720

The Dräger Polytron 5720 IR is a cost-effective explosion proof transmitter for the detection of carbon dioxide gas using a PIR7200 IR sensor. 3 wire 4-20 mA output with relays make it compatible with most control systems. You can choose between explosion proof “d” (USA) or flame proof increased safety “e” version (Europe) and aluminum (A) or stainless steel (S). All stainless steel (S) versions include stainless steel blind plugs.

*The docking station (E-Box) is included with every “e” version. A configurable part number 8344500 is available for stainless steel variants. Please calculate the total price by adding the options below to the base price.



Transmitter (includes splash guard)			
Dräger Polytron 5720 IR d A	8344200	376	1
Dräger Polytron 5720 IR d A relay	8344201	376	1
Dräger Polytron 5720 IR d S relay	8344203	376	1

Polytron 5720 Configurator 8344500

Ex d Aluminum Base Transmitter w/o Sensor			
Polytron 5720 d A 4-20mA Base Transmitter	PR00930		
Housing Classification (optional: select one only)			
Ex e Version w/ Docking Station w/o Relays	PR00921		
Ex e Version w/ Docking Station Required for Remote Sensor or Relays	PR00922		
Interfaces (optional: select one only)			
Relay Option (3 relays)	PR00915		
Housing Material (optional)			
Stainless Steel 316L	PR00894		
Integrated Sensor (required for Ex d: select one only)			
Dräger PIR 7200 (NPT)	PR00475		
Splash Guard & Status Indicator for Polytron 5/87x0 (required)			
Splash Guard & Status Indicator Preinstalled	PR01166		

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Accessories			
Sun weather protect Polytron x700/x720 (only fits P57x0/87x0 Ex d variant)	3717515	348	1
Splash guard PIR 7200 (already included w/ transmitter)	6811912	348	1
Insect guard PIR 7000	6811609	348	1
Spider guard PIR 7000	6800306	348	1
Magnetic Wand (blue body, white logo)	4544101	348	1
Status indicator PIR 7200 (already included w/ transmitter)	6811920	348	1
Remote XP Junction Box 316L stainless steel (includes 8327024)	4544098	348	1
Remote XP Junction Box aluminum (includes 8327024)	4544099	348	1
Remote sensor plug and play wiring kit for XP Junction Box	8327024	348	1
Process adapter (cuvette) PIR 7x00 (plastic)	6811915	348	1
Process cuvette PIR 7x00 (stainless steel)	6811415	348	1
Process cuvette SGR PIR 7x00 (stainless steel)	6813219	348	1
Calibration adapter PIR 7x00	6811610	348	1
Remote test adapter PIR 7x00	6811630	348	1
Remote test adapter PIR 7x00 duct	6811990	348	1
Bump test adapter PIR 7200	6811930	348	1
Flowcell PIR 7200	6811910	348	1
Flowcell PIR 7x00 duct	6811945	348	1
Hydrophobic filter PIR 7x00	6811890	348	1
Duct mount kit Polytron x7x0	6812300	348	1
Duct mount kit PIR 7x00 remote sensor	6811850	348	1
Pole mount kit Polytron 5xx0/8xx0	4544198	348	1
Docking Station/ E-Box Polytron 5xx0/8xx0 Power	8344027	348	1
Docking Station/ E-Box Polytron 5xx0/8xx0 (for relay/remote)	8344028	348	1
Cable gland for Docking Station / E-Box Polytron 5xx0/8xx0	6812868	394	1
Blind plug 316L st. steel ¾" NPT for SS housing (set of 2 pcs.)	4544897	384	1
Wall stand-off, Spacer for Ex d Transmitter (included)	6812617	376	1
IR Connection Kit Polytron 5xx0/8xx0 (requires PolySoft)	4544197	348	1
Dräger PolySoft Basic, Configuration Software License (free updates for 1 year)	8328600	316	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Toxic Gas Detection Dräger Polytron® 7000

The Dräger Polytron 7000 is able to meet the requirements of the compliance market as well as the high specifications of customized solutions for the high end market. It is an intrinsically safe gas detector that can satisfy all toxic and oxygen gas measurement applications on a single platform.

Developed with an innovative modular design, there is now the flexibility to choose only the features that your application requires.



Transmitter			
Dräger Polytron 7000 Display 4 to 20 mA	8317610	347	1
Dräger Polytron 7000 Display 4 to 20 mA relay	8317636	347	1
Dräger Polytron 7000 Display 4 to 20 mA pump	8317637	347	1
Dräger Polytron 7000 Display 4 to 20 mA relay, pump	8317638	347	1
Dräger Polytron 7000 Display 4 to 20 mA HART	8317710	347	1
Dräger Polytron 7000 Display 4 to 20 mA HART relay	8317776	347	1
Dräger Polytron 7000 Display 4 to 20 mA HART pump	8317777	347	1
Dräger Polytron 7000 Display 4 to 20 mA HART relay, pump	8317778	347	1
Dräger Polytron 7000 Display PB	8319430	347	1
Dräger Polytron 7000 Display PB relay	8319427	347	1
Dräger Polytron 7000 Display PB pump	8319436	347	1
Dräger Polytron 7000 Display PB relay, pump	8319438	347	1
Dräger Polytron 7000 Display FF	8319440	347	1
Dräger Polytron 7000 Display FF relay	8319428	347	1
Dräger Polytron 7000 Display FF pump	8319437	347	1
Dräger Polytron 7000 Display FF relay, pump	8319439	347	1
Dräger Polytron 7000 Display 4 to 20 mA and Sensor diagnostic dongle	8317980	347	1
Polytron 3000/7000 Docking Station (required for each transmitter)	8317990	347	1
Safety barrier zone 2	8323873	340	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Manuals (not included in transmitter)			
IFU Dräger Polytron 7000 - German	9023758	347	1
IFU Dräger Polytron 7000 - English	9033002	347	1
IFU Dräger Polytron 7000 - Spanish	9033003	347	1
IFU Dräger Polytron 7000 - French	9033004	347	1
IFU Dräger Polytron 7000 - Dutch	9033005	347	1
IFU Dräger Polytron 7000 - Swedish	9033006	347	1
IFU Dräger Polytron 7000 - Norwegian	9033007	347	1
IFU Dräger Polytron 7000 - Italian	9033384	347	1
IFU Dräger Polytron 7000 - Portuguese	9033386	347	1
Modules			
Pump module Polytron 7000	8317350	347	1
Relay module Polytron 7000	8317360	347	1
Dongles			
Data dongle Polytron 7000	8317618	347	1
Sensor diagnostics dongle Polytron 7000	8317860	347	1
Sensor test dongle Polytron 7000	8317619	347	1
Sensors			
DrägerSensor Acidic Compounds AC	6810595	367	1
DrägerSensor Cl ₂	6809665	367	1
DrägerSensor CO	6809605	367	1
DrägerSensor CO LS	6809620	367	1
DrägerSensor CO LH	6812570	367	1
DrägerSensor COCl ₂	6809930	367	1
DrägerSensor H ₂	6809685	367	1
DrägerSensor H ₂ O ₂ HC	6809675	367	1
DrägerSensor H ₂ O ₂ LC	6809705	367	1
DrägerSensor H ₂ S	6810435	367	1
DrägerSensor H ₂ S HC	6809710	367	1
DrägerSensor H ₂ S LC	6809610	367	1
DrägerSensor HCl	6809640	367	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
DrägerSensor HCN LC	6813200	367	1
DrägerSensor Hydride	6809635	367	1
DrägerSensor Hydride SC	6809980	367	1
DrägerSensor N ₂ H ₄	6810180	367	1
DrägerSensor NH ₃ HC	6809645	367	1
DrägerSensor NH ₃ TH	6800055	367	1
DrägerSensor NH ₃ TL	6813095	367	1
DrägerSensor NO LC	6809625	367	1
DrägerSensor NO ₂ LC	6813205	367	1
DrägerSensor O ₂	6809720	367	1
DrägerSensor O ₂ LS	6809630	367	1
DrägerSensor Ozone	6814005	367	1
DrägerSensor OV 1	6810740	367	1
DrägerSensor OV 2	6810745	367	1
DrägerSensor PH ₃ /AsH ₃	6809695	367	1
DrägerSensor SO ₂	6809660	367	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Accessories			
Splash guard AC L	6809379	348	1
Splash guard	6812510	348	1
Set Hawke cable gland Polytron 3000/ 7000	8319029	348	1
Duct mount kit Polytron 3000/ 7000	8317150	348	1
Mounting set Polytron 2 IR/ 3000/ 7000	6809951	348	1
Calibration adapter V	6810536	348	1
Gassing adapter PE	6806978	348	1
Calibration-/process adapter AC L	6809380	348	1
Calibration-/process adapter 2 AC	8324093	348	1
Pump adapter Polytron 7000	8320900	348	1
Pump adapter AC Polytron 7000	8317976	348	1
Process adapter RS EC stainless steel	8323404	348	1
USB DIRA with USB cable	8317409	332	1
Polytron 7000 remote sensor adaptor	8317275	348	1
Polytron 7000 remote cable & plug 5 m	8317270	348	1
Polytron 7000 remote cable & plug 15 m	8317998	348	1
Polytron 7000 remote cable & plug 30 m	8317999	348	1
Polytron 7000 remote duct adapter	8317617	348	1
Cable entry set M20 Polytron 7000	8317282	348	1
Cable connector relay Polytron 7000	1890086	348	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Toxic Gas Detection Dräger Polytron® 8100

The Polytron 8100 EC is Dräger's top of the line explosion proof transmitter for the detection of toxic gases or oxygen. It uses a high performance plug and play electrochemical DrägerSensor to detect a specific gas. It comes standard with an analog 3 wire 4-20mA HART output. Relays and fieldbus interface module are optional. You can choose between explosion proof "d" (USA) or flame proof increased safety "e" version (Europe) and aluminum (A) or stainless steel (S). All stainless steel (S) versions include stainless steel blind plugs.

*The docking station (E-Box) is included with every "e" version. A configurable part number 8344800 is available for some stainless steel and all fieldbus options. Please calculate the total price by adding the options below to the base price.

Dräger grants a manufacturer's warranty of 3 years for Polytron 8100 and some DrägerSensors (marked by **) according to the guarantee card.



Transmitter			
Dräger Polytron 8100 EC d A 4-20/HART	8344403	372	1
Dräger Polytron 8100 EC d A 4-20/HART relay	8344404	372	1
Dräger Polytron 8100 EC d S 4-20/HART	8344412	372	1
Dräger Polytron 8100 EC d S 4-20/HART relay	8344413	372	1
Dräger Polytron 8100 EC e A 4-20/HART*	8344421	372	1
Dräger Polytron 8100 EC e A 4-20/HART relay*	8344422	372	1
Dräger Polytron 8100 EC e S 4-20/HART*	8344430	372	1
Dräger Polytron 8100 EC e S 4-20/HART relay*	8344431	372	1

Dräger Polytron 8100 Transmitter Configurator 8344800

Ex d Aluminum Base Transmitter w/o Sensor			
Polytron 8100 d A 4-20mA/HART Base Transmitter	PR00889		
Housing Classification (optional: select one only)			
Ex e Version w/ Docking Station w/o Relays	PR00921		
Ex e Version w/ Docking Station Required for Relays	PR00922		
Ex e Version w/ Docking Station for Fieldbus Interface	PR00923		

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Interfaces (optional: select one only)			
Relay Option (3 relays)	PR00895		
Profibus PA (replaces 4-20/HART, no relay)	PR00896		
Foundation Fieldbus (replaces 4-20/HART, no relay)	PR00897		
Modbus RTU (replaces 4-20/HART, no relay)	PR00898		
Housing Material (optional)			
Stainless Steel 316L	PR00894		
Dongles (optional: select one only. Data Dongle included in P8xx0)			
Sensor Diagnostic Dongle (only Polytron 8100)	PR00916		
Sensor Test Dongle (only Polytron 8100)	PR00917		
Sensors			
Please consult the General Accesories section for a list of replacement dust and selective filters			
Dräger SensorAlive H2S (the Bayonet ring 6800132 required for use)	6814014	367	1
DrägerSensor Acidic Compounds AC	6810595	367	1
DrägerSensor Cl ₂	6809665	367	1
DrägerSensor CO	6809605	367	1
DrägerSensor CO LS	6809620	367	1
DrägerSensor CO LH	6812570	367	1
DrägerSensor COCl ₂	6809930	367	1
DrägerSensor H ₂	6809685	367	1
DrägerSensor H ₂ O ₂ HC	6809675	367	1
DrägerSensor H ₂ O ₂ LC	6809705	367	1
DrägerSensor H ₂ S	6810435	367	1
DrägerSensor H ₂ S HC	6809710	367	1
DrägerSensor H ₂ S LC	6809610	367	1
DrägerSensor HCl	6809640	367	1
DrägerSensor HCN LC	6813200	367	1
DrägerSensor Hydrazin	6810180	367	1
DrägerSensor Hydride	6809635	367	1
DrägerSensor Hydride SC	6809980	367	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
DrägerSensor NH ₃ HC	6809645	367	1
DrägerSensor NH ₃ TL	6813095	367	1
DrägerSensor NH ₃ FL	6813260	367	1
DrägerSensor NH ₃ TH	6800055	367	1
DrägerSensor NO LC	6809625	367	1
DrägerSensor NO ₂ LC	6813205	367	1
DrägerSensor O ₂	6809720	367	1
DrägerSensor O ₂ LS	6809630	367	1
DrägerSensor O ₃	6814005	367	1
DrägerSensor OV 1	6810740	367	1
DrägerSensor OV 2	6810745	367	1
DrägerSensor PH ₃ /AsH ₃	6809695	367	1
DrägerSensor SO ₂	6809660	367	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Accessories			
Weather protection set Polytron 5/6/8xx0 (only fits P5/8xx0 d variant)	3702198	348	1
Splash guard (not compatible with all sensors)	6812510	348	1
Magnetic Wand (blue body, white logo)	4544101	348	1
Gassing adapter PE (white silicone)	6806978	348	1
Calibration adapter V (black rubber)	6810536	348	1
EC sensing head remote w/ wall mount kit (requires cable)	6812684	372	1
Remote cable + plug (5m) Polytron 5xx0/8xx0	8323305	348	1
Remote cable + plug (15m) Polytron 5xx0/8xx0	8323315	348	1
Remote cable + plug (30m) Polytron 5xx0/8xx0	8323330	348	1
Duct adapter for EC sensing head remote (min 10 cm diameter)	8317617	348	1
Process adapter RS EC stainless steel remote sensor	8323404	348	1
Sensor Diagnostics Dongle (includes Sensor Test)	8317860	347	1
Sensor Test Dongle	8317619	347	1
Bayonet ring Dräger SensorAlive	6800132	348	1
Duct mount kit P5/6/8x00 horizontal surface bracket	3728095	348	1
Duct mount kit Polytron 5x0/8x00 (non IR)	6812725	348	1
Pole mount kit Polytron 5xx0/8xx0	4544198	348	1
Docking Station/ E-Box Polytron 5xx0/8xx0 Power	8344027	348	1
Docking Station/ E-Box Polytron 5xx0/8xx0 (for relay/remote)	8344028	348	1
Docking Station FB Polytron 8xx0	8344029	394	1
Cable gland for Docking Station / E-Box Polytron 5xx0/8xx0	6812868	394	1
Blind plug 316L st. steel ¾" NPT for SS housing (set of 2 pcs.)	4544897	394	1
IR Connection Kit Polytron 5xx0/8xx0 (requires PolySoft)	4544197	348	1
Dräger PolySoft Basic, Configuration Software License (free updates for 1 year)	8328600	316	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Toxic Gas Detection Dräger Polytron® 8720

The Polytron 8720 IR is Dräger's top of the line explosion proof transmitter for the detection of carbon dioxide gas with a PIR7200 infrared sensor. It comes standard with an analog 3 wire 4-20mA HART output. Relays and fieldbus interface module are optional. You can choose between explosion proof "d" (USA) or flame proof increased safety "e" version (Europe) and aluminum (A) or stainless steel (S). All stainless steel (S) versions include stainless steel blind plugs.

*The docking station (E-Box) is included with every "e" version. A configurable part number 8344800 is available for some stainless steel and all fieldbus options. Please calculate the total price by adding the options below to the base price.

Dräger grants a manufacturer's warranty of 3 years for Polytron 8720 according to the guarantee card.



Transmitter (includes splash guard)			
Dräger Polytron 8720 IR d A 4-20/HART	8344709	379	1
Dräger Polytron 8720 IR d A 4-20/HART relay	8344710	379	1
Dräger Polytron 8720 IR e A 4-20/HART*	8344727	379	1
Dräger Polytron 8720 IR e A 4-20/HART relay*	8344728	379	1

Polytron 8720 Configurator 8344800

Ex d Aluminum Base Transmitter w/o Sensor			
Polytron 8720 d A 4-20mA/HART Base Transmitter	PR00893		
Housing Classification (optional: select one only)			
Ex e Version w/ Docking Station w/o Relays	PR00921		
Ex e Version w/ Docking Station Required for Remote Sensor or Relays	PR00922		
Ex e Version w/ Docking Station for Fieldbus Interface	PR00923		
Interfaces (optional: select one only)			
Relay Option (3 relays)	PR00895		
Profibus PA (replaces 4-20/HART, no relay)	PR00896		
Foundation Fieldbus (replaces 4-20/HART, no relay)	PR00897		
Modbus RTU (replaces 4-20/HART, no relay)	PR00898		
Housing Material (optional)			
Stainless Steel 316L	PR00894		
Integrated Sensor (required for Ex d: select one only)			
Dräger PIR 7200 (NPT)	PR00475		
Splash Guard & Status Indicator for Polytron 5/87x0 (required)			
Splash Guard & Status Indicator Preinstalled	PR01166		

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Accessories			
Sun weather protect Polytron x700/x720 (only fits P57x0/87x0 Ex d variant)	3717515	348	1
Splash guard PIR 7200 (already included w/ transmitter)	6811912	348	1
Insect guard PIR 7000	6811609	348	1
Spider guard PIR 7000	6800306	348	1
Magnetic Wand (blue body, white logo)	4544101	348	1
Status indicator PIR 7200 (already included w/ transmitter)	6811920	348	1
Remote XP Junction Box 316L stainless steel (includes 8327024)	4544098	348	1
Remote XP Junction Box aluminum (includes 8327024)	4544099	348	1
Remote sensor plug and play wiring kit for XP Junction Box	8327024	348	1
Process adapter (cuvette) PIR 7x00 (plastic)	6811915	348	1
Process cuvette PIR 7x00 (stainless steel)	6811415	348	1
Process cuvette SGR PIR 7x00 (stainless steel)	6813219	348	1
Calibration adapter PIR 7x00	6811610	348	1
Remote test adapter PIR 7x00	6811630	348	1
Remote test adapter PIR 7x00 duct	6811990	348	1
Bump test adapter PIR 7200	6811930	348	1
Flowcell PIR 7200	6811910	348	1
Flowcell PIR 7x00 duct	6811945	348	1
Hydrophobic filter PIR 7x00	6811890	348	1
Duct mount kit Polytron x7x0	6812300	348	1
Duct mount kit PIR 7x00 remote sensor	6811850	348	1
Pole mount kit Polytron 5xx0/8xx0	4544198	348	1
Docking Station/ E-Box Polytron 5xx0/8xx0 Power	8344027	348	1
Docking Station/ E-Box Polytron 5xx0/8xx0 (for relay/remote)	8344028	348	1
Docking Station FB Polytron 8xx0	8344029	394	1
Cable gland for Docking Station / E-Box Polytron 5xx0/8xx0	6812868	394	1
Blind plug 316L st. steel ¼" NPT for SS housing (set of 2 pcs.)	4544897	384	1
Wall stand-off, Spacer for Ex d Transmitter (included)	6812617	376	1
IR Connection Kit Polytron 5xx0/8xx0 (requires PolySoft)	4544197	348	1
Dräger PolySoft Basic, Configuration Software License (free updates for 1 year)	8328600	316	1
Dräger PolySoft Premium, Configuration Software (for uploading IR gas config) License (free updates for 1 year)	8328639	316	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Toxic Gas Detection Dräger PIR 7200

The Dräger PIR 7200 is an explosion proof gas detector for continuous monitoring of carbon dioxide in suitable atmospheres. The measuring range can be adjusted from 0 to 2,000 ppm up to 30 % (V/V), and the operating temperature is specified up to + 77 °C/+ 170 °F.

Its robust design (offering a stainless steel 316L enclosure), the wide range of accessories and the SIL 2 compatibility (certified by the German TÜV) make the Dräger PIR 7200 suitable for harsh industrial environments.

Dräger grants a manufacturer's warranty of 3 years for PIR 7200 according to the guarantee card.



Transmitter			
Dräger PIR 7200 (NPT) HART	6811572	342	1
Dräger PIR 7200 (NPT) HART complete set with Ex d junction box (made of stainless steel 316), splash guard, status indicator and mounting set, already pre-assembled	6813055	342	1
Dräger PIR 7200 (NPT) HART complete set with Ex d junction box (made of aluminum), splash guard, status indicator and mounting set, already pre-assembled	6813050	342	1
Dräger PIR 7200 (M25) HART	6811570	342	1
Dräger PIR 7200 (M25) HART complete set with Ex e junction box incl. M20 cable gland, splash guard, status indicator and mounting set, already pre-assembled	6812290	342	1
Dräger PIR 7200 Customised (built-to-order)	6811790	342	1
Configuration (mandatory)	PR00488	342	1
Assembly fee for accessories (optional)	PR00489	342	1
Manuals			
IFU Dräger PIR 7000 / PIR 7200 (included in transmitter)	9023885	343	1
Technical handbook PIR 7000 / 7200 (not included in transmitter)	6811993	343	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Accessories			
Mounting set PIR 7000	6811648	348	1
Duct mount set PIR 7000	6811850	348	1
Duct mount kit Polytron IR x7x0	6812300	348	1
Splash guard PIR 7200	6811912	348	1
Insect guard PIR 7000	6811609	348	1
Spider guard PIR 7000	6800306	348	1
Hydrophobic filter PIR 7000	6811890	348	1
Calibration adapter PIR 7000	6811610	348	1
Status indicator PIR 7200	6811920	348	1
Flowcell PIR 7200	6811910	348	1
Flowcell PIR 7000 duct	6811945	348	1
Bump test adapter PIR 7200	6811930	348	1
Remote test adapter PIR 7000 duct	6811990	348	1
Process adapter PIR 7000	6811915	348	1
Process cuvette PIR 7000	6811415	348	1
Process cuvette PIR 7000 SGR	6813219	348	1
Magnetic wand	4544101	348	1
Dräger RAB 7000 Remote-Access-Box	6812830	348	1
USB PC adapter PIR 7000	6811663	348	1
Junction box Ex e PIR 7000	6811898	348	1
Junction box Ex d stainless steel	4544098	348	1
Junction box Ex d aluminium	4544099	348	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Toxic Gas Detection Dräger VarioGard® 2320 / 3000 / 3320

The Dräger VarioGard 3xx0 is a digital transmitter for an integrated electrochemical or infrared optical sensor for continuous measurement and monitoring of gas concentrations in the environment. Up to 100 transmitters or modules can be connected via a digital bus to the central unit. The system is extremely flexible and can be configured by software to meet the needs of various applications.



Transmitter			
VarioGard 2320 IR CO ₂	3721955	349	1
VarioGard 3000 EC NO ₂ LC	3721947	349	1
VarioGard 3000 EC O ₂	3721948	349	1
VarioGard 3000 EC NO	3721949	349	1
VarioGard 3000 EC CO	3721950	349	1
VarioGard 3000 EC NH ₃	3721951	349	1
VarioGard 3320 IR CO ₂	3721956	349	1
Manuals			
IFU-Dräger VarioGard gas detection system	9033185	343	1
Sensors			
DrägerSensor XXS CO VG	6812241	367	1
DrägerSensor XXS NH ₃ VG	6812242	367	1
DrägerSensor XXS NO VG	6812243	367	1
DrägerSensor XXS NO ₂ VG	6812244	367	1
DrägerSensor XXS NO ₂ LC VG	6800206	367	1
DrägerSensor XXS O ₂ VG	6812245	367	1
DrägerSensor Smart IR CO ₂ VG	6813590	367	1
Accessories			
Calibration adapter VarioGard 3xx0/23x0	8322015	349	1
Magnetic wand	4544101	348	1
Software-Set VarioGard 3x00	8322016	349	1
Cable gland M20	8315420	349	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Toxic Gas Detection Dräger PointGard® 3100

The Dräger PointGard® 3100 is a complete 1-channel gas detection system for measuring toxic gases or oxygen in ambient air. The robust yet compact NEMA 4X / IP66 rated enclosure already contains the alarm equipment and power supply. The Dräger PointGard® 3100 uses the reliable DrägerSensor® EC.



Gas Monitors			
Dräger PointGard 3100 EC AC	3728176	377	1
Dräger PointGard 3100 EC AC green	3728175	377	1
Dräger PointGard 3100 EC DC	3728174	377	1
Dräger PointGard 3100 EC DC green	3730935	377	1
Sensors			
Dräger SensorAlive H2S (the Bayonet ring 6800132 required for use) - Only in Remote installation possible!	6814014	367	1
DrägerSensor Acidic Compounds AC	6810595	367	1
DrägerSensor H ₂	6809685	367	1
DrägerSensor H ₂ O ₂ HC	6809675	367	1
DrägerSensor H ₂ O ₂ LC	6809705	367	1
DrägerSensor H ₂ S	6810435	367	1
DrägerSensor H ₂ S HC	6809710	367	1
DrägerSensor H ₂ S LC	6809610	367	1
DrägerSensor HCl	6809640	367	1
DrägerSensor HCN LC	6813200	367	1
DrägerSensor Hydrazin	6810180	367	1
DrägerSensor Hydride	6809635	367	1
DrägerSensor Hydride SC	6809980	367	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
DrägerSensor NH ₃ HC	6809645	367	1
DrägerSensor NH ₃ FL	6813260	367	1
DrägerSensor NH ₃ TH	6800055	367	1
DrägerSensor NH ₃ TL	6813095	367	1
DrägerSensor NO LC	6809625	367	1
DrägerSensor NO ₂ LC	6813205	367	1
DrägerSensor O ₂	6809720	367	1
DrägerSensor O ₂ LS	6809630	367	1
DrägerSensor O ₃	6814005	367	1
DrägerSensor OV 1	6810740	367	1
DrägerSensor OV 2	6810745	367	1
DrägerSensor PH ₃ /AsH ₃	6809695	367	1
DrägerSensor SO ₂	6809660	367	1
Accessories			
Splash guard (not compatible with all sensors)	6812510	348	1
Splash protection (AC L) (not compatible with all sensors)	6809379	348	1
Green LED steady beacon PointGard 2/3xx0 (includes interface cable)	8326489	394	1
Blue LED strobe beacon PointGard 2/3xx0	8326472	394	1
Gassing adapter PE (white silicone)	6806978	348	1
Calibration adapter V (black rubber)	6810536	348	1
EC sensing head remote w/ wall mount kit (requires cable)	6812684	372	1
Remote cable + plug (5m) Polytron 5xx0/8xx0	8323305	348	1
Remote cable + plug (15m) Polytron 5xx0/8xx0	8323315	348	1
Remote cable + plug (30m) Polytron 5xx0/8xx0	8323330	348	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
EW 3 power cable 2.5m PointGard 2/3xx0, BR*	8326448	377	1
EW 3 power cable 2.5m PointGard 2/3xx0, EU*	8326449	377	1
EW 3 power cable 2.5m PointGard 2/3xx0, UK*	8326450	377	1
EW 3 power cable 2.5m PointGard 2/3xx0, US*	8326451	377	1
EW 3 power cable 2.5m PointGard 2/3xx0, AUS*	8326452	377	1
Sensor Diagnostics Dongle (includes Sensor Test)	8317860	347	1
Sensor Test Dongle	8317619	347	1
Bayonet ring Dräger SensorAlive	6800132	348	1
Wall mounting brackets PointGard 2/3xx0 (set of 4 pcs. w/ screws)	8326497	348	1
IR Connection Kit Polytron 5xx0/8xx0 (requires PolySoft)	4544197	348	1
Dräger PolySoft Basic, Configuration Software License (free updates for 1 year)	8328600	316	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Toxic Gas Detection Dräger PointGard® 3720

The Dräger PointGard® 3720 is a complete 1-channel gas detection system for measuring carbon dioxide CO₂ in ambient air. The robust yet compact NEMA 4X / IP66 rated enclosure already includes the alarm means and power supply. The Dräger PointGard® 3720 is compatible with a remote infrared CO₂ sensor Dräger PIR 7200.



Gas Monitors			
Dräger PointGard 3700/3720 IR AC remote	3728167	377	1
Dräger PointGard 3700/3720 IR AC remote green	3728166	377	1
Dräger PointGard 3700/3720 IR DC remote	3728165	377	1
Remote Sensors			
Dräger PIR 7200 (NPT) HART complete set with Ex d junction box (made of stainless steel 316), splash guard, status indicator and mounting set, already pre-assembled	6813055	342	1
Dräger PIR 7200 (NPT) HART complete set with Ex d junction box (made of aluminum), splash guard, status indicator and mounting set, already pre-assembled	6813050	342	1
Dräger PIR 7200 (M25) HART complete set with Ex e junction box incl. M20 cable gland, splash guard, status indicator and mounting set, already pre-assembled	6812290	342	1
Accessories			
Insect guard PIR 7000	6811609	348	1
Green LED steady beacon PointGard 2/3xx0 (includes interface cable)	8326489	394	1
Blue LED strobe beacon PointGard 2/3xx0	8326472	394	1
Calibration adapter PIR 7x00	6811610	348	1
Flowcell PIR 7200	6811910	348	1
Bump test adapter PIR 7200	6811930	348	1
Process cuvette (adapter) PIR 7x00 (stainless)	6811415	348	1
Process adapter (cuvette) PIR 7x00 (plastic)	6811915	348	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
EW 3 power cable 2.5m PointGard 2/3xx0, BR*	8326448	377	1
EW 3 power cable 2.5m PointGard 2/3xx0, EU*	8326449	377	1
EW 3 power cable 2.5m PointGard 2/3xx0, UK*	8326450	377	1
EW 3 power cable 2.5m PointGard 2/3xx0, US*	8326451	377	1
EW 3 power cable 2.5m PointGard 2/3xx0, AUS*	8326452	377	1
Wall mounting brackets PointGard 2/3xx0 (set of 4 pcs. w/ screws)	8326497	348	1
IR Connection Kit Polytron 5xx0/8xx0 (requires PolySoft)	4544197	348	1
Dräger PolySoft Basic, Configuration Software License (free updates for 1 year)	8328600	316	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Open Path Gas Detection Spectrex SafEye 9xx

The latest SafEye Quasar open path UV detection technology includes the 950 and the 960 series. The Quasar 950 models detect toxic Hydrogen Sulfide gas and the Quasar 960 models detect toxic Ammonia gas, both with path lengths of up to 263ft (80m). All Quasar 950/960 detectors incorporate heated windows to minimize any effects from condensation, icing, snow and are totally immune to interference from sunlight or any other sources of radiation such as flare stacks, arc welding or lightning.

A range of outputs are available including 0-20mA, HART, Modbus RS485 to suit all control systems.



Detector			
SafEye 951/961 Tx (5-20m) QTU-C-111	6813490	300	1
SafEye 951/961 Tx (5-20m) QTU-C-112	6813491	300	1
SafEye 952/962 Tx (15-40m) QTU-C-211	6813492	300	1
SafEye 952/962 Tx (15-40m) QTU-C-212	6813493	300	1
SafEye 953/963 Tx (35-60m) QTU-C-311	6813494	300	1
SafEye 953/963 Tx (35-60m) QTU-C-312	6813495	300	1
SafEye 950 (H2S) Rx (5-60m) QRU-C-111	6813496	300	1
SafEye 950 (H2S) Rx (5-60m) QRU-C-112	6813497	300	1
SafEye 960 (NH3) Rx (5-60m) QRU-C-211	6813498	300	1
SafEye 960 (NH3) Rx (5-60m) QRU-C-212	6813499	300	1
Accessories			
Tilt mount SafEye 9xx series	6813501	300	1
Pole Mount (U-Bolt) 5" - (SS)	6813509	300	1
Pole Mount (U-Bolt) 3" - (SS)	6813621	300	1
SafEye Sunshade (SS)	6813510	300	1
Commissioning Kit SafEye 950 (H ₂ S) incl. Auxliery Harness IS/RS485 and HART	6813502	300	1
Commissioning Kit SafEye 960 (NH ₃) incl. Auxliery Harness IS/RS485 and HART	6813503	300	1
Functional check Filter H2S	6813814	300	1
Functional check Filter NH3	6813815	300	1
Magnetic Mode Selector	6813816	300	1
HART Hand-Held Diagnostic Kit (Ex)	6813505	300	1
Dräger Flame USB RS-485 Set	6813994	300	1
SafEye 9xx Connector Cable (Non-Ex)	6813508	300	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Flammable Gas Detection Dräger PIR 3000

The Dräger PIR 3000 is an explosion proof gas detector for continuous monitoring of flammable gases and vapors in the ambient air. The transmitter is built for industrial environments (stainless steel 316 enclosure). Non-intrusive calibration is recommended every 6 to 12 months only.



Transmitter			
Dräger PIR 3000 (M25)	6810810	343	1
Dräger PIR 3000 (NPT)	6811080	343	1
Dräger PIR 3000 complete set e (with regular Ex e junction box)	6811160	343	1
Dräger PIR 3000 complete set e2 (with octa Ex e junction box)	6811270	343	1
Dräger PIR 3000 complete set d (with Ex d junction box)	6811180	343	1
Change of gas category (via SAP configurator)	6811633	343	1

Manuals (not included in transmitter)			
IFU Dräger PIR 3000 – German	9023812	343	1
IFU Dräger PIR 3000 – English	9023974	343	1
IFU Dräger PIR 3000 – French	9023975	343	1
IFU Dräger PIR 3000 - Finnish / Swedish	9023976	343	1
IFU Dräger PIR 3000 - Spanish / Portuguese	9023977	343	1
IFU Dräger PIR 3000 - Hungarian / Polish	9023978	343	1
IFU Dräger PIR 3000 - Danish / Norwegian	9023979	343	1
IFU Dräger PIR 3000 - Italian / Dutch	9023980	343	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Accessories			
Splash guard DSIR	6810796	348	1
Calibration adapter DSIR	6810859	348	1
Gassing/process adapter DSIR	6811330	348	1
Weather guard DSIR	6811135	348	1
Mounting set e DSIR	6811427	348	1
Mounting set d DSIR	6811426	348	1
Duct mount set DSIR	6810995	348	1
Magnetic wand	4544101	348	1
Junction box Ex e (rectangular)	6811299	348	1
Junction box Ex e (octagonal)	6811159	348	1
Junction box Ex d	6811161	348	1
Cable gland M20 set DSIR	6811323	348	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Flammable Gas Detection Dräger PIR 7000

The Dräger PIR 7000 is an explosion proof gas detector for continuous monitoring of flammable gases and vapors in suitable atmospheres. The gas library can be customized with up to 13 substances and the t0...90 response time can be configured to "fast", i.e. less than 1 second. Its SIL 2 compatibility is proven by a full HW & SW assessment and certified by the German TÜV.

Dräger grants a manufacturer's warranty of 3 years for PIR 7000 according to the guarantee card.



Transmitter			
Dräger PIR 7000 type 334 (NPT) HART	6811552	343	1
Dräger PIR 7000 type 334 (NPT) HART complete set with Ex d junction box (made of stainless steel 316), splash guard, status indicator and mounting set, already pre-assembled	6813035	343	1
Dräger PIR 7000 type 334 (NPT) HART complete set with Ex d junction box (made of aluminum), splash guard, status indicator and mounting set, already pre-assembled	6813030	343	1
Dräger PIR 7000 type 334 (M25) HART	6811550	343	1
Dräger PIR 7000 type 334 (M25) HART complete set with Ex e junction box incl. M20 cable gland, splash guard, status indicator and mounting set, already pre-assembled	6811817	343	1
Dräger PIR 7000 type 334 (NPT)	6811822	343	1
Dräger PIR 7000 type 334 (M25)	6811820	343	1
Dräger PIR 7000 type 334 (M25) complete set with Ex e junction box incl. M20 cable gland, splash guard, status indicator and mounting set, already pre-assembled	6811825	343	1
Dräger PIR 7000 type 334	6851259	343	1
Customised (built-to-order)			
Configuration (mandatory)		343	1
Assembly fee for accessories (optional)	PR00488	343	1
Flat charge upgrade gas library (optional)	PR00489	343	1
Dräger PIR 7000 type 340 (NPT) HART	6811562	343	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Dräger PIR 7000 type 340 (NPT) HART complete set with Ex d junction box (made of stainless steel 316), splash guard, status indicator and mounting set, already pre-assembled	6813045	343	1
Dräger PIR 7000 type 340 (NPT) HART complete set with Ex d junction box (made of aluminum), splash guard, status indicator and mounting set, already pre-assembled	6813040	343	1
Dräger PIR 7000 type 340 (M25) HART	6811560	343	1
Dräger PIR 7000 type 340 (M25) HART complete set with Ex e junction box incl. M20 cable gland, splash guard, status indicator and mounting set, already pre-assembled	6811819	343	1
Dräger PIR 7000 type 340 (NPT)	6811832	343	1
Dräger PIR 7000 type 340 (M25)	6811830	343	1
Dräger PIR 7000 type 334	6851259	343	1
Customised (built-to-order)			
Configuration (mandatory)		343	1
Assembly fee for accessories (optional)	PR00488	343	1
Flat charge upgrade gas library (optional)	PR00489	343	1
Manuals			
IFU Dräger PIR 7000 / PIR 7200 (included in transmitter)	9023885	343	1
Technical handbook PIR 7000 (not included in transmitter)	6811993	343	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Accessories			
Mounting set PIR 7000	6811648	348	1
Duct mount set PIR 7000	6811850	343	1
Duct mount kit Polytron IR X7X0	6812300	343	1
Splash guard PIR 7000	6811911	348	1
Insect guard PIR 7000	6811609	343	1
Spider guard PIR 7000	6800306	343	1
Hydrophobic filter PIR 7000	6811890	343	1
Calibration adapter PIR 7000	6811610	348	1
Status indicator PIR 7000	6811625	348	1
Flowcell PIR 7000	6811490	348	1
Flowcell PIR 7000 duct	6811945	348	1
Remote test adapter PIR 7000	6811630	348	1
Remote test adapter PIR 7000 duct	6811990	348	1
Process adapter PIR 7000	6811915	348	1
Process cuvette PIR 7000	6811415	348	1
Process cuvette PIR 7000 SGR	6813219	348	1
Licence for Dräger PRC 7000 remote control software	3701228	348	1
Licence for Dräger PRC 7010 remote control software	3701229	348	1
Magnetic wand	4544101	348	1
Dräger RAB 7000 Remote-Access-Box	6812830	348	1
USB PC adapter PIR 7000	6811663	348	1
Junction box Ex e PIR 7000	6811898	348	1
Junction box Ex d stainless steel	4544098	348	1
Junction box Ex d aluminium	4544099	348	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Flammable Gas Detection Dräger Polytron® 5200

The Dräger Polytron 5200 CAT is a cost-effective explosion proof transmitter for the detection of combustible gas using a catalytic bead sensor. 3 wire 4-20 mA output with relays make it compatible with most control systems. You can choose between explosion proof “d” (USA) or flame proof increased safety “e” version (Europe) and aluminum (A) or stainless steel (S). All stainless steel (S) versions include stainless steel blind plugs.

*The docking station (E-Box) is included with every “e” version. A configurable part number 8344500 is available for stainless steel variants. Please calculate the total price by adding the options below to the base price.



Transmitter			
Dräger Polytron 5200 CAT d A	8344150	371	1
Dräger Polytron 5200 CAT d A relay	8344151	371	1
Dräger Polytron 5200 CAT d S	8344152	371	1
Dräger Polytron 5200 CAT d S relay	8344153	371	1
Dräger Polytron 5200 CAT e A*	8344154	371	1
Dräger Polytron 5200 CAT e A relay*	8344155	371	1

Polytron 5200 Configurator 8344500

Ex d Aluminum Base Transmitter w/o Sensor			
Polytron 5200 d A 4-20mA Base Transmitter	PR00926		
Housing Classification (optional: select one only)			
Ex e Version w/ Docking Station w/o Relays	PR00921		
Ex e Version w/ Docking Station Required for Remote Sensor or Relays	PR00922		
Interfaces (optional)			
Relay Option (3 relays)	PR00915		
Housing Material (optional)			
Stainless Steel 316L	PR00894		
Integrated Sensor (required for Ex d: select one only)			
DrägerSensor Ex DQ 0-100% LEL	PR00968/ PR02032		
DrägerSensor Ex LC 0-10% LEL	PR00900		

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Accessories			
Weather protection set Polytron 5/6/8xx0 (only fits P5/8xx0 d variant)	3702198	348	1
Splash guard	6812510	348	1
Magnetic Wand (blue body, white logo)	4544101	348	1
Gassing adapter PE (white silicone)	6806978	348	1
Calibration adapter V (black rubber)	6810536	348	1
Remote Sensor DQ NPT Alu	3706933	344	1
Remote Sensor DQ NPT Steel	3706934	344	1
Process adapter for Ex DQ sensor	6812470	348	1
Process adapter for Ex LC sensor	6812465	348	1
P5/6/8x00 horizontal surface bracket	3728095	348	1
Duct mount kit Polytron 5x0/8x00 (non IR)	6812725	348	1
Pole mount kit Polytron 5xx0/8xx0	4544198	348	1
Docking Station/ E-Box Polytron 5xx0/8xx0 Power	8344027	348	1
Docking Station/ E-Box Polytron 5xx0/8xx0 (for relay/remote)	8344028	348	1
Cable gland for Docking Station / E-Box Polytron 5xx0/8xx0	6812868	394	1
Blind plug 316L st. steel ¼" NPT for SS housing (set of 2 pcs.)	4544897	384	1
IR Connection Kit Polytron 5xx0/8xx0 (requires PolySoft)	4544197	348	1
Dräger PolySoft Basic, Configuration Software License (free updates for 1 year)	8328600	316	1
Dräger PolySoft Basic, Configuration Software License (yearly fee - unlimited free updates)	8328601	316	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Flammable Gas Detection Dräger Polytron® 5310

The Dräger Polytron 5310 IR is a cost-effective explosion proof transmitter for the detection of combustible gas using an infrared sensor. 3 wire 4-20 mA output with relays make it compatible with most control systems. You can choose between explosion proof “d” (USA) or flame proof increased safety “e” version (Europe) and aluminum (A) or stainless steel (S). All stainless steel (S) versions include stainless steel blind plugs.

*The docking station (E-Box) is included with every “e” version. A configurable part number 8344500 is available for stainless steel variants. Please calculate the total price by adding the options below to the base price.



Transmitter			
Dräger Polytron 5310 IR d A	8344370	371	1
Dräger Polytron 5310 IR d A relay	8344371	371	1

Polytron 5310 Configurator 8344500

Ex d Aluminum Base Transmitter w/o Sensor			
Polytron 5310 d A 4-20mA Base Transmitter	PR00928		
Housing Classification (optional: select one only)			
Ex e Version w/ Docking Station w/o Relays	PR00921		
Ex e Version w/ Docking Station Required for Remote Sensor or Relays	PR00922		
Interfaces (optional: select one only)			
Relay Option (3 relays)	PR00915		
Housing Material (optional)			
Stainless Steel 316L	PR00894		
Integrated Sensor (required for Ex d)			
DrägerSensor IR	PR00901		

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Accessories			
Weather protection set Polytron 5/6/8xx0 (only fits P5/8xx0 d variant)	3702198	348	1
Splash guard DSIR	6810796	348	1
Weather guard DSIR	6811135	348	1
Magnetic Wand (blue body, white logo)	4544101	348	1
Calibration adapter DSIR	6810859	348	1
Gassing/ process adapter DSIR	6811330	348	1
DrägerSensor IR complete Set e (for e version remote sensor) (with regular plastic Ex e junction box)	6811165	375	1
Remote XP Junction Box 316L stainless steel (includes 8327024)	4544098	348	1
Remote XP Junction Box aluminum (includes 8327024)	4544099	348	1
Remote sensor plug and play wiring kit for XP Junction Box	8327024	348	1
P5/6/8x00 horizontal surface bracket	3728095	348	1
Duct mount kit Polytron 5x0/8x00 (non IR)	6812725	348	1
Duct mount kit DrägerSensor IR remote	6810995	348	1
Pole mount kit Polytron 5xx0/8xx0	4544198	348	1
Docking Station/ E-Box Polytron 5xx0/8xx0 Power	8344027	348	1
Docking Station/ E-Box Polytron 5xx0/8xx0 (for relay/remote)	8344028	348	1
Cable gland for Docking Station / E-Box Polytron 5xx0/8xx0	6812868	394	1
Blind plug 316L st. steel ¼" NPT for SS housing (set of 2 pcs.)	4544897	384	1
IR Connection Kit Polytron 5xx0/8xx0 (requires PolySoft)	4544197	348	1
Dräger PolySoft Basic, Configuration Software License (free updates for 1 year)	8328600	316	1
Dräger PolySoft Basic, Configuration Software License (yearly fee - unlimited free updates)	8328601	316	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Flammable Gas Detection Dräger Polytron® 5700

The Dräger Polytron 5700 IR is a cost-effective explosion proof transmitter for the detection of combustible gas using a PIR7000 IR sensor. 3 wire 4-20 mA output with relays make it compatible with most control systems. You can choose between explosion proof “d” (USA) or flame proof increased safety “e” version (Europe) and aluminum (A) or stainless steel (S). All stainless steel (S) versions include stainless steel blind plugs.

*The docking station (E-Box) is included with every “e” version. A configurable part number 8344500 is available for some stainless steel variants. Please calculate the total price by adding the options below to the base price.



Transmitter (includes splash guard)			
Dräger Polytron 5700 IR 334 d A	8344220	376	1
Dräger Polytron 5700 IR 334 d A relay	8344221	376	1
Dräger Polytron 5700 IR 334 d S	8344222	376	1
Dräger Polytron 5700 IR 340 d A	8344240	376	1
Dräger Polytron 5700 IR 340 d A relay	8344241	376	1

Polytron 5700 Configurator 8344500

Ex d Aluminum Base Transmitter w/o Sensor			
Polytron 5700 d A 4-20mA Base Transmitter	PR00929		
Housing Classification (optional: select one only)			
Ex e Version w/ Docking Station w/o Relays	PR00921		
Ex e Version w/ Docking Station Required for Remote Sensor or Relays	PR00922		
Interfaces (optional)			
Relay Option (3 relays)	PR00915		
Housing Material (optional)			
Stainless Steel 316L	PR00894		
Integrated Sensor (required for Ex d: select one only)			
Dräger PIR 7000 Typ 334 (NPT)	PR00469		
Dräger PIR 7000 Typ 340 (NPT)	PR00473		
Splash Guard & Status Indicator for Polytron 5/87x0 (required)			
Splash Guard & Status Indicator Preinstalled	PR01166		

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Accessories			
Sun weather protect Polytron x700/x720 (only fits P57x0/87x0 Ex d variant)	3717515	348	1
Splash guard PIR 7000 (already included w/ transmitter)	6811911	348	1
Insect guard PIR 7000	6811609	348	1
Spider guard PIR 7000	6800306	348	1
Magnetic Wand (blue body, white logo)	4544101	348	1
Status indicator PIR 7000 (already included w/ transmitter)	6811625	348	1
Remote XP Junction Box 316L stainless steel (includes 8327024)	4544098	348	1
Remote XP Junction Box aluminum (includes 8327024)	4544099	348	1
Remote sensor plug and play wiring kit for XP Junction Box	8327024	348	1
Process adapter (cuvette) PIR 7x00 (plastic)	6811915	348	1
Process cuvette PIR 7x00 (stainless steel)	6811415	348	1
Process cuvette SGR PIR 7x00 (stainless steel)	6813219	348	1
Calibration adapter PIR 7x00	6811610	348	1
Remote test adapter PIR 7x00	6811630	348	1
Remote test adapter PIR 7x00 duct	6811990	348	1
Flowcell PIR 7x00	6811490	348	1
Flowcell PIR 7x00 duct	6811945	348	1
Hydrophobic filter PIR 7x00	6811890	348	1
Duct mount kit Polytron x7x0	6812300	348	1
Duct mount kit PIR 7x00 remote sensor	6811850	348	1
Pole mount kit Polytron 5xx0/8xx0	4544198	348	1
Docking Station/ E-Box Polytron 5xx0/8xx0 Power	8344027	348	1
Docking Station/ E-Box Polytron 5xx0/8xx0 (for relay/remote)	8344028	348	1
Cable gland for Docking Station / E-Box Polytron 5xx0/8xx0	6812868	394	1
Blind plug 316L st. steel ¼" NPT for SS housing (set of 2 pcs.)	4544897	384	1
Wall stand-off, Spacer for Ex d Transmitter (included)	6812617	376	1
IR Connection Kit Polytron 5xx0/8xx0 (requires PolySoft)	4544197	348	1
Dräger PolySoft Basic, Configuration Software License (free updates for 1 year)	8328600	316	1
Dräger PolySoft Premium, Configuration Software (for uploading IR gas config) License (free updates for 1 year)	8328639	316	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Flammable Gas Detection Dräger Polytron® 8200

The Dräger Polytron 8200 CAT is a cost-effective explosion proof transmitter for the detection of combustible gas using a PIR7000 IR sensor. 3 wire 4-20 mA output with relays make it compatible with most control systems. You can choose between explosion proof “d” (USA) or flame proof increased safety “e” version (Europe) and aluminum (A) or stainless steel (S). All stainless steel (S) versions include stainless steel blind plugs.

*The docking station (E-Box) is included with every “e” version.

A configurable part number 8344500 is available for some stainless steel variants. Please calculate the total price by adding the options below to the base price.

Dräger grants a manufacturer’s warranty of 3 years for Polytron 8200 and according to the guarantee card.



Transmitter			
Dräger Polytron 8200 CAT d A 4-20/HART	8344439	373	1
Dräger Polytron 8200 CAT d A 4-20/HART Relay	8344440	373	1
Dräger Polytron 8200 CAT d S 4-20/HART	8344448	373	1
Dräger Polytron 8200 CAT d S 4-20/HART Relay	8344449	373	1
Dräger Polytron 8200 CAT e A 4-20/HART*	8344457	373	1
Dräger Polytron 8200 CAT e A 4-20/HART Relay*	8344458	373	1
Dräger Polytron 8200 CAT e S 4-20/HART*	8344466	373	1

Polytron 8200 Transmitter Configurator 8344800

Ex d Aluminum Base Transmitter w/o Sensor			
Polytron 8200 d A 4-20mA/HART Base Transmitter	PR00890		
Housing Classification (optional: select one only)			
Ex e Version w/ Docking Station w/o Relays	PR00921		
Ex e Version w/ Docking Station Required for Remote Sensor or Relays	PR00922		
Ex e Version w/ Docking Station for Fieldbus Interface	PR00923		
Interfaces (optional: select one only)			
Relay Option (3 relays)	PR00895		
Profibus PA (replaces 4-20/HART, no relay)	PR00896		
Foundation Fieldbus (replaces 4-20/HART, no relay)	PR00897		
Modbus RTU (replaces 4-20/HART, no relay)	PR00898		
Housing Material (optional)			
Stainless Steel 316L	PR00894		

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Integrated Sensor (required for Ex d: select one only)			
DrägerSensor Ex DQ 0-100% LEL	PR00968/ PR02032		
DrägerSensor Ex LC 0-10% LEL	PR00900		
Accessories			
Weather protection set Polytron 5/6/8xx0 (only fits P5/8xx0 d variant)	3702198	348	1
Splash guard	6812510	348	1
Magnetic Wand (blue body, white logo)	4544101	348	1
Gassing adapter PE (white silicone)	6806978	348	1
Calibration adapter V (black rubber)	6810536	348	1
Remote Sensor DQ NPT Alu	3706933	344	1
Remote Sensor DQ NPT Steel	3706934	344	1
Process adapter for Ex DQ sensor	6812470	348	1
Process adapter for Ex LC sensor	6812465	348	1
P5/6/8x00 horizontal surface bracket	3728095	348	1
Duct mount kit Polytron 5x0/8x00 (non IR)	6812725	348	1
Pole mount kit Polytron 5xx0/8xx0	4544198	348	1
Docking Station/ E-Box Polytron 5xx0/8xx0 Power	8344027	348	1
Docking Station/ E-Box Polytron 5xx0/8xx0 (for relay/remote)	8344028	348	1
Docking Station FB Polytron 8xx0	8344029	394	1
Cable gland for Docking Station / E-Box Polytron 5xx0/8xx0	6812868	394	1
Blind plug 316L st. steel ¾" NPT for SS housing (set of 2 pcs.)	4544897	384	1
IR Connection Kit Polytron 5xx0/8xx0 (requires PolySoft)	4544197	348	1
Dräger PolySoft Basic, Configuration Software License (free updates for 1 year)	8328600	316	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Flammable Gas Detection Dräger Polytron® 8310

The Polytron 8310 IR is Dräger's top of the line explosion proof transmitter for the detection combustible gas with a DrägerSensor IR. It comes standard with an analog 3 wire 4-20mA HART output. Relays and fieldbus interface module are optional. You can choose between explosion proof "d" (USA) or flame proof increased safety "e" version (Europe) and aluminum (A) or stainless steel (S). All stainless steel (S) versions include stainless steel blind plugs.

*The docking station (E-Box) is included with every "e" version. A configurable part number 8344800 is available for some stainless steel and all fieldbus options. Please calculate the total price by adding the options below to the base price.



Transmitter			
Dräger Polytron 8310 IR d A 4-20/HART	8344807	373	1
Dräger Polytron 8310 IR d A 4-20/HART relay	8344808	373	1
Dräger Polytron 8310 IR e A 4-20/HART*	8344825	373	1
Dräger Polytron 8310 IR e A 4-20/HART relay*	8344826	373	1

Polytron 8310 Configurator 8344800

Ex d Aluminum Base Transmitter w/o Sensor			
Polytron 8310 d A 4-20mA/HART Base Transmitter	PR00891		
Housing Classification (optional: select one only)			
Ex e Version w/ Docking Station w/o Relays	PR00921		
Ex e Version w/ Docking Station Required for Remote Sensor or Relays	PR00922		
Ex e Version w/ Docking Station for Fieldbus Interface	PR00923		
Interfaces (optional: select one only)			
Relay Option (3 relays)	PR00895		
Profibus PA (replaces 4-20/HART, no relay)	PR00896		
Foundation Fieldbus (replaces 4-20/HART, no relay)	PR00897		
Modbus RTU (replaces 4-20/HART, no relay)	PR00898		
Housing Material (optional)			
Stainless Steel 316L	PR00894		
Integrated Sensor (required for Ex d: select one only)			
DrägerSensor IR	PR00901		

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Accessories			
Weather protection set Polytron 5/6/8xx0 (only fits P5/8xx0 d variant)	3702198	348	1
Splash Guard DSIR	6810796	348	1
Weather Guard DSIR	6811135	348	1
Magnetic Wand (blue body, white logo)	4544101	348	1
Calibration Adapter DSIR	6810859	348	1
Gassing/Process Adapter DSIR	6811330	348	1
DrägerSensor IR complete Set e (for e version remote sensor) (with regular plastic Ex e junctionbox)	6811165	375	1
Remote XP Junction Box 316L Stainless Steel (includes 8327024)	4544098	348	1
Remote XP Junction Box Aluminum (includes 8327024)	4544099	348	1
Remote sensor plug and play wiring kit for XP Junction Box	8327024	348	1
P5/6/8x00 horizontal surface bracket	3728095	348	1
Duct Mount Kit Polytron 5x00/8x00 (non IR)	6812725	348	1
Duct Mount Kit DrägerSensor IR remote	6810995	348	1
Pole mount kit Polytron 5x00/8x00	4544198	348	1
Docking Station / E-Box Polytron 5x00/8x00 Power	8344027	348	1
Docking Station / E-Box Polytron 5x00/8x00 (for relay/remote)	8344028	348	1
Docking Station FB Polytron 8xx0	8344029	394	1
Cable gland for Docking Station / E-Box Polytron 5xx0/8xx0	6812868	394	1
Blind plug 316L st. steel 3/4" NPT for SS housing (set of 2 pcs.)	4544897	384	1
IR Connection Kit Polytron 5xx0/8xx0 (requires PolySoft)	4544197	348	1
Dräger PolySoft Basic, Configuration Software License (free updates for 1 year)	8328600	316	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Flammable Gas Detection Dräger Polytron® 8700

The Polytron 8700 IR is Dräger's top of the line explosion proof transmitter for the detection of combustible gas in the ppm and %LEL range with a PIR7000 infrared sensor. It comes standard with an analog 3 wire 4-20mA HART output. Relays and fieldbus interface module are optional. You can choose between explosion proof "d" (USA) or flame proof increased safety "e" version (Europe) and aluminum (A) or stainless steel (S). All stainless steel (S) versions include stainless steel blind plugs.

*The docking station (E-Box) is included with every "e" version. A configurable part number 8344800 is available for some stainless steel and all fieldbus options. Please calculate the total price by adding the options below to the base price.

Dräger grants a manufacturer's warranty of 3 years for Polytron 8700 according to the guarantee card.



Transmitter (includes splash guard)			
Dräger Polytron 8700 IR 334 d A 4-20/HART	8344601	379	1
Dräger Polytron 8700 IR 334 d A 4-20/HART relay	8344602	379	1
Dräger Polytron 8700 IR 334 d S 4-20/HART	8344610	379	1
Dräger Polytron 8700 IR 334 d S 4-20/HART Relay	8344611	379	1
Dräger Polytron 8700 IR 334 e A 4-20/HART*	8344619	379	1
Dräger Polytron 8700 IR 334 e A 4-20/HART relay*	8344620	379	1
Dräger Polytron 8700 IR 334 e S 4-20/HART*	8344628	379	1
Dräger Polytron 8700 IR 340 d A 4-20/HART	8344637	379	1
Dräger Polytron 8700 IR 340 d A 4-20/HART relay	8344638	379	1
Dräger Polytron 8700 IR 340 e A 4-20/HART*	8344655	379	1
Dräger Polytron 8700 IR 340 e A 4-20/HART relay*	8344656	379	1

Polytron 8700 Configurator 8344800

Ex d Aluminum Base Transmitter w/o Sensor			
Polytron 8700 d A 4-20mA/HART Base Transmitter	PR00892		
Housing Classification (optional: select one only)			
Ex e Version w/ Docking Station w/o Relays	PR00921		
Ex e Version w/ Docking Station Required for Remote Sensor or Relays	PR00922		
Ex e Version w/ Docking Station for Fieldbus Interface	PR00923		

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Interfaces (optional: select one only)			
Relay Option (3 relays)	PR00895		
Profibus PA (replaces 4-20/HART, no relay)	PR00896		
Foundation Fieldbus (replaces 4-20/HART, no relay)	PR00897		
Modbus RTU (replaces 4-20/HART, no relay)	PR00898		
Housing Material (optional)			
Stainless Steel 316L	PR00894		
Integrated Sensor (required for Ex d: select one only)			
Dräger PIR 7000 Typ 334 (NPT)	PR00469		
Dräger PIR 7000 Typ 340 (NPT)	PR00473		
Splash Guard & Status Indicator for Polytron 5/87x0 (required)			
Splash Guard & Status Indicator Preinstalled	PR01166		
Accessories			
Sun weather protect Polytron x700/x720 (only fits P57x0/87x0 Ex d variant)	3717515	348	1
Splash guard PIR 7000 (already included w/ transmitter)	6811911	348	1
Insect guard PIR 7000	6811609	348	1
Spider guard PIR 7000	6800306	348	1
Magnetic Wand (blue body, white logo)	4544101	348	1
Status indicator PIR 7000 (already included w/ transmitter)	6811625	348	1
Remote XP Junction Box 316L stainless steel (includes 8327024)	4544098	348	1
Remote XP Junction Box aluminum (includes 8327024)	4544099	348	1
Remote sensor plug and play wiring kit for XP Junction Box	8327024	348	1
Process adapter (cuvette) PIR 7x00 (plastic)	6811915	348	1
Process cuvette PIR 7x00 (stainless steel)	6811415	348	1
Process cuvette SGR PIR 7x00 (stainless steel)	6813219	348	1
Calibration adapter PIR 7x00	6811610	348	1
Remote test adapter PIR 7x00	6811630	348	1
Remote test adapter PIR 7x00 duct	6811990	348	1
Flowcell PIR 7x00	6811490	348	1
Flowcell PIR 7x00 duct	6811945	348	1
Hydrophobic filter PIR 7x00	6811890	348	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Duct mount kit Polytron x7x0	6812300	348	1
Duct mount kit PIR 7x00 remote sensor	6811850	348	1
Pole mount kit Polytron 5xx0/8xx0	4544198	348	1
Docking Station/ E-Box Polytron 5xx0/8xx0 Power	8344027	348	1
Docking Station/ E-Box Polytron 5xx0/8xx0 (for relay/remote)	8344028	348	1
Docking Station FB Polytron 8xx0	8344029	394	1
Cable gland for Docking Station / E-Box Polytron 5xx0/8xx0	6812868	394	1
Blind plug 316L st. steel ¾" NPT for SS housing (set of 2 pcs.)	4544897	384	1
Wall stand-off, Spacer for Ex d Transmitter (included)	6812617	376	1
IR Connection Kit Polytron 5xx0/8xx0 (requires PolySoft)	4544197	348	1
Dräger PolySoft Basic, Configuration Software License (free updates for 1 year)	8328600	316	1
Dräger PolySoft Premium, Configuration Software (for uploading IR gas config) License (free updates for 1 year)	8328639	316	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Acoustic Leak Detection Dräger Polytron® 8900

The Polytron 8900 UGLD is an acoustic gas leak detector for detecting high pressure (>10 bar) gas leaks. With the ultrasonic microphone sensor, the unit detects gas leaks in a circular area of 360° below the sensor.

The sensor has a range of 55 to 110 dB and ships fully calibrated, ready for operation. It comes standard with an analog 3 wire 4-20mA/HART output and integrated relays. The 316L stainless steel enclosure is explosion proof Ex d.

Dräger grants a manufacturer's warranty of 3 years for Polytron 8900 according to the guarantee card.



Transmitter			
Dräger Polytron 8900 UGLD d S 4-20/HART relay	8328030	359	1
Accessories			
Weather protection set Polytron 5/6/8xx0 (only fits P5/8xx0 d variant)	3702198	348	1
Magnetic Wand (blue body, white logo)	4544101	348	1
Sensing Head Remote UGLD w/ wall mount kit (requires cable)	8328021	359	1
Remote Cable + Plug (5m)	8323305	348	1
Remote Cable + Plug (15m)	8323315	348	1
Remote Cable + Plug (30m)	8323330	348	1
Pole Mount Kit Polytron 5xx0/8xx0	4544198	348	1
Blind Plug 316L St. Steel 3/4"NPT for SS Housing (2 pcs.)	4544897	384	1
Cable gland 3/4" NPT brass f.unarmoured cable	AG00570	389	1
UGLD Calibration and Bump Test Kit with Carrying Case (w/o Cal Gas) includes cylinder regulator, tubing, and remote sound generator	8328042	348	1
Zero Air Gas Cylinder 112L for Calibration and Bump Test Kit	6813239	953	1
UGLD Sensor (DrägerService Exclusive)	8328045	394	1
Dräger PolySoft Basic, Configuration Software License (free updates for 1 year)	8328600	316	1
Dräger PolySoft Basic, Configuration Software License (yearly fee - unlimited free updates)	8328601	316	1
IR Connection Kit (requires PolySoft)	4544197	348	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Flammable Gas Detection Dräger Pulsar 7000 series

The new Dräger Pulsar 7000 series is an ex-protected stationary gas detection system with an open measuring path to monitor hydrocarbons in gas and vapour. The extremely short reaction time of the sensor and its robust design makes the Pulsar 7000 series to a reliable solution for your challenges for protecting people and plant.

Explanations:

Tx S(hort) Range: 4 to 60m Rx S(hort) Range: 4 to 120m

Tx L(ong) Range: 30 to 200m Rx L(ong) Range: 100 to 200m

Dräger Pulsar 7700: Receiver factory calibrated on Methane and Propane

Dräger Pulsar 7900: Receiver factory calibrated on Ethylene

JB Ex e: PE reinforced junction box (4x M20)

JB Ex e HD: stainless steel junction box (4x M25), Heavy

Duty / Offshore

Ho(rizontal): Horizontal mounting plate, JB behind the measuring head and reduced installation height

Dräger grants a manufacturer's warranty of 3 years according guarantee card.



Transmitter and Receiver

ATEX / IECEx

Standard

Model	Order Code	Product Category	Packing unit
Dräger Pulsar 7000 Tx S Range JB Ex e	6851700	374	1
Dräger Pulsar 7000 Tx L Range JB Ex e	6851701	374	1
Dräger Pulsar 7700 Rx S Range JB Ex e	6851702	374	1
Dräger Pulsar 7700 Rx L Range JB Ex e	6851703	374	1
Dräger Pulsar 7900 Rx S Range JB Ex e	6851704	374	1
Dräger Pulsar 7000 Tx S Range JB Ex e Ho	6851706	374	1
Dräger Pulsar 7000 Tx L Range JB Ex e Ho	6851707	374	1
Dräger Pulsar 7700 Rx S Range JB Ex e Ho	6851708	374	1
Dräger Pulsar 7900 Rx S Range JB Ex e Ho	6851709	374	1

Duct Mount

Model	Order Code	Product Category	Packing unit
Dräger Pulsar 7700 Duct Mount JB Ex e	6851716	374	1
Dräger Pulsar 7000 Duct Mount Tx JB Ex e	6851530	374	1
Dräger Pulsar 7700 Duct Mount Rx JB Ex e	6851531	374	1

Heavy Duty / Offshore

Model	Order Code	Product Category	Packing unit
Dräger Pulsar 7000 Tx S Range JB Ex e HD	6851718	374	1
Dräger Pulsar 7000 Tx L Range JB Ex e HD	6851719	374	1
Dräger Pulsar 7700 Rx S Range JB Ex e HD	6851720	374	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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ATEX / IECEx (cont.)

Dräger Pulsar 7700 Rx L Range JB Ex e HD	6851721	374	1
Dräger Pulsar 7900 Rx S Range JB Ex e HD	6851712	374	1

Spares

Dräger Pulsar 7000 Tx S Range, SPPT	3700700	374	1
Dräger Pulsar 7000 Tx L Range, SPPT	3700701	374	1
Dräger Pulsar 7700 Rx S Range, SPPT	3700702	374	1
Dräger Pulsar 7700 Rx L Range, SPPT	3700703	374	1
Dräger Pulsar 7900 Rx S Range, SPPT	3700704	374	1
Dräger Pulsar 7000 Tx S Range HD, SPPT	3700705	374	1
Dräger Pulsar 7000 Tx L Range HD, SPPT	3700706	374	1
Dräger Pulsar 7700 Rx S Range HD, SPPT	3700707	374	1
Dräger Pulsar 7700 Rx L Range HD, SPPT	3700708	374	1

US / CANADA

Standard

Dräger Pulsar 7000 Tx S Range US/Canada	6851728	374	1
Dräger Pulsar 7000 Tx L Range US/Canada	6851729	374	1
Dräger Pulsar 7900 Rx S Range US/Canada	6851732	374	1
Dräger Pulsar 7700 Rx S Range US/Canada	6851733	374	1
Dräger Pulsar 7700 Rx L Range US/Canada	6851734	374	1

Duct Mount

Dräger Pulsar 7700 Duct Mount US/Canada	6851739	374	1
Dräger Pulsar 7000 Duct Mount Tx US/Canada	6851730	374	1
Dräger Pulsar 7700 Duct Mount Rx US/Canada	6851731	374	1

Spares

Dräger Pulsar 7000 Tx S Range US/Canada, SPPT	3701422	374	1
Dräger Pulsar 7000 Tx L Range US/Canada, SPPT	3701423	374	1
Dräger Pulsar 7700 Rx S Range US/Canada, SPPT	3701425	374	1
Dräger Pulsar 7700 Rx L Range US/Canada, SPPT	3701426	374	1
Dräger Pulsar 7900 Rx S Range US/Canada, SPPT	3701424	374	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Accessories			
Installation Parts			
2" (60mm OD) Pole Mount Kit	2307003	346	1
5" (150mm OD) Pole Mount Kit	2350302	346	1
Duct wall mounting plate kit	2350450	346	1
Junction box Ex d / XP	3700330	374	1
Pole mount kit for junction box Ex d / XP (from Polytron 5xx0/8xx0)	4544198	348	1
Commissioning and Maintenance			
Gas test sheets, Dräger Pulsar 7700 (included in 6851630)	2350521	346	1
Gas test sheets, Dräger Pulsar 7900 (included in 6851631)	2350520	346	1
Gas test sheets, Dräger Pulsar 7700 Duct Mount (included in 6851632)	2350451	346	1
Attenuator plate AP800	2350339	346	1
Attenuator plate AP810	2307329	346	1
Lens cleaning fluid LCF01	2350291	346	1
Pulsar alignment telescope	2350505	346	1
Communication Equipment			
Pulsar Interface Adapter (PIA), single unit	6851565	374	1
Pulsar Interface Adapter set, Dräger Pulsar 7700	6851630	374	1
Pulsar Interface Adapter set, Dräger Pulsar 7900	6851631	374	1
Pulsar Interface Adapter set, Dräger Pulsar 7700 Duct Mount	6851632	374	1
MFC5150X HART Communicator kit (Ex)	6813505	300	1
Remote communication port, 5m	2350322	346	1
Remote communication port, 10m	2307113	346	1
Calibration Kits			
Gas cell kit, single pass (Propane)	2350514	346	1
Gas cell kit, single pass (Methane)	2350516	346	1
Gas cell kit, single pass (Methane and Propane)	2350518	346	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Spares

Installation Parts

Mounting plate kit vertical	6851543	374	1
Mounting plate kit horizontal	6851544	374	1
Mounting plate kit short	6851545	374	1
Gimbal Kit	6851542	374	1
Gimbal screws kit	6851541	374	1
Junction box STD kit	6851546	374	1
Junction box HD kit	6851547	374	1

Device

Protective cap / cowl	6851548	374	1
Protective cover kit	6851549	374	1

Communication Equipment

Dust cap communication port	6851540	374	1
DIRA holder	6851587	374	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Flammable Gas Detection Dräger Polytron® SE Ex

The Dräger Polytron® SE Ex ... DQ sensing heads are gas detectors for the continuous monitoring of flammable gases and vapours in the ambient air. Measurement is based on the heat of reaction principle where a chemical reaction takes place in a catalytic bead (also known as a pellistor) inside the sensor.

The sensing heads are intended to be used in the harsh industrial environment and connected to a suitable central controller by means of a 3-core cable.



Sensing Heads			
Polytron SE Ex PR M1 DQ small standard housing	6812711	344	1
Polytron SE Ex PR M2 DQ large standard housing	6812710	344	1
Remote Sensor DQ NPT Alu	3706933	344	1
Remote Sensor DQ NPT Steel	3706934	344	1
Sensors			
DrägerSensor PR M DQ	6814140	360	1
DrägerSensor PR NPT DQ	6814150	360	1
DrägerSensor PR NPT DQ S	3701800	360	1
Sensing Heads			
Polytron SE Ex LC M1 DD small standard housing	6812722	344	1
Polytron SE Ex LC M2 DD large standard housing	6812721	344	1
Sensors			
DrägerSensor Ex-Sensor LC	6810350	360	1
DrägerSensor Ex-Sensor LC NPT	6810675	360	1
Sensing Heads			
Polytron SE Ex HT M DQ galvanized cast iron housing	6812720	344	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Sensors			
DrägerSensor HT M DQ	6814145	360	1
Manuals			
IFU-Sensing Head Polytron SE Ex DQ de, en, es, fr	9033888	344	1
IFU-Sensing Head Polytron SE Ex DQ bg, et, hr, hu, lt, lc, ro, sk, sl, tr	9033889	344	1
IFU-Sensing Head Polytron SE Ex DQ cs, da, el, fl, it, nl, no, pt, ptbr, sv	9033893	344	1
Accessories			
Splash guard	6812510	348	1
Calibration adapter V	6810536	348	1
Gasing adapter PE	6806978	348	1
Dust filter disk 10 pcs. (not suitable for DrägerSensor Ex LC M and HT M)	6810537	348	1
Special tool PEX 3000 (for WAGO Terminals)	8318376	344	1
Process adapter DD / DQ	6812470	348	1
Process adapter LC	6812465	348	1
Remote calibration adapter DD / DQ	6812480	348	1
Remote calibration adapter LC	6812482	348	1

Dräger PEX 1000

The Dräger PEX 1000 is a converter module that converts the mV signals of the Dräger Polytron SE Ex DQ and LC sensing heads into mA signals and sends them to a control unit like the Dräger REGARD family. Together with the Dräger Polytron SE Ex DQ and LC, the PEX 1000 fulfils the conditions set down for primary explosion protection.



Dräger PEX 1000	8324835	344	1
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Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Flammable Gas Detection Dräger PEX 3000

A 4 to 20 mA transmitter for continuous monitoring of flammable gases and vapours in the ambient air to prevent explosive hazards. The gas concentration is converted into a 4 to 20 mA standard signal which, by means of suitable central controllers, can be used to activate automatic countermeasures and alarm devices.

By opening the enclosure a two digit 7-segment display with two operating keys is accessible to perform menu-controlled one-man-calibration and maintenance.



Transmitter

Dräger PEX 3000 type XTR 0001 incl. sensor 100% LEL, large housing	8318360	344	1
Dräger PEX 3000 type XTR 0011 incl. sensor 10% LEL, large housing	8318370	344	1
Dräger PEX 3000 type XTR 0091 remote transmitter, large housing	8318390	344	1

Manuals

IFU Dräger PEX 3000, language cluster 1 de, en, es, fr	9300061	344	1
IFU Dräger PEX 3000, language cluster 2 cs, da, el, fi, it, nl, no, pl, ptbr, sv	9300062	344	1
IFU Dräger PEX 3000, language cluster 1 bg, ro, hu, hr, sl, sk, et, lt, lv, tr	9300063	344	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Sensors			
DrägerSensor PR M DQ	6814140	360	1
DrägerSensor Ex LC M	6810350	360	1
Accessories			
Splash guard	6812510	348	1
Calibration adapter V	6810536	348	1
Gasing adapter PE	6806978	348	1
Dust filter disk 10 pcs. (not suitable for DrägerSensor Ex LC M and HT M)	6810537	348	1
Special tool PEX 3000 (for WAGO Terminals)	8318376	344	1
Process adapter DD / DQ	6812470	348	1
Process adapter LC	6812465	348	1
Remote calibration adapter DD / DQ	6812480	348	1
Remote calibration adapter LC	6812482	348	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Flammable Gas Detection Dräger VarioGard® 2300 / 3200 / 3300

The Dräger VarioGard 3xx0 is a digital transmitter for an integrated catalytic or infrared optical sensor for continuous measurement and monitoring of gas concentrations in the environment. Up to 100 transmitters or modules can be connected via a digital bus to the central unit.

The system is extremely flexible and can be configured by software to meet the needs of various applications.



Transmitter			
VarioGard 2300 IR EX	3721953	349	1
VarioGard 3200 CAT EX	3721952	349	1
VarioGard 3300 IR EX	3721954	349	1
Manual			
IFU-Dräger VarioGard gas detection system	9033185	349	1
Sensor			
DrägerSensor Smart IR Ex VG	6813460	367	1
DrägerSensor CAT Ex I25 VG	6812251	360	1
Accessories			
Calibration adapter VarioGard 3xx0/23x0	8322015	349	1
Magnetic wand	4544101	348	1
Software-Set VarioGard 3x00	8322016	349	1
Cable gland M20	8315420	349	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Flammable Gas Detection Refrigerant Transmitter

Monitor your cooling system reliably for leaks. Our refrigerant transmitter detects automatically the corresponding refrigerant in the ppm range. This allows you to safely monitor occupational exposure limits. Equipped with non-dispersive infrared technology (NDIR), the refrigerant transmitter quickly and reliably detects refrigerant even in the ppm range in ambient air. The optical measuring technology works according to a physical measuring principle – without chemical reactions or wearing parts. This measuring stability gives you security in the operation of your refrigeration system. It also reduces the cost of verification and recalibration.



Refrigerant Transmitter 4-20 mA			
Refrigerant Transmitter R134a 2000 ppm	AG01603	349	1
Refrigerant Transmitter R404a 2000 ppm	AG01604	349	1
Refrigerant Transmitter R123 2000 ppm	AG01605	349	1
Refrigerant Transmitter R22 2000 ppm	AG01606	349	1
Refrigerant Transmitter R125 2000 ppm	AG01607	349	1
Refrigerant Transmitter R1234yf 1000 ppm	AG01608	349	1
Refrigerant Transmitter R407a 2000 ppm	AG01617	349	1
Refrigerant Transmitter R407c 2000 ppm	AG01618	349	1
Refrigerant Transmitter R410a 2000 ppm	AG01619	349	1
Refrigerant Transmitter R507 2000 ppm	AG01620	349	1
Refrigerant Transmitter SF6 1500 ppm	AG01621	349	1
Refrigerant Transmitter R1234yf 2000 ppm	AG01649	349	1
Refrigerant Transmitter R1234ze 2000 ppm	AG01686	349	1
Refrigerant Transmitter R449a 2000 ppm	3705323	349	1
Refrigerant Transmitter R513a 2000 ppm	3705324	349	1
Broadband Refrigerant Transmitter 4-20mA	3707787	349	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Refrigerant Transmitter BUS			
Refrigerant Transmitter SF6 (BUS) 1500 ppm	3707788	349	1
Refrigerant Transmitter R513a (BUS) 1500 ppm	3707789	349	1
Refrigerant Transmitter R507a (BUS) 2000 ppm	3707790	349	1
Refrigerant Transmitter R449a (BUS) 2000 ppm	3707791	349	1
Refrigerant Transmitter R410aa (BUS) 2000 ppm	3707792	349	1
Refrigerant Transmitter R407c (BUS) 2000 ppm	3707793	349	1
Refrigerant Transmitter R1234ze (BUS) 2000 ppm	3707794	349	1
Refrigerant Transmitter R407a (BUS) 2000 ppm	3707795	349	1
Refrigerant Transmitter R404a (BUS) 2000 ppm	3707796	349	1
Refrigerant Transmitter R22 (BUS) 2000 ppm	3707797	349	1
Refrigerant Transmitter R134a (BUS) 2000 ppm	3707798	349	1
Refrigerant Transmitter R134a (BUS) 1000 ppm	3707799	349	1
Refrigerant Transmitter R125 (BUS) 2000 ppm	3707800	349	1
Refrigerant Transmitter R1234yf (BUS) 1000 ppm	3707801	349	1
Refrigerant Transmitter R1234yf (BUS) 2000 ppm	3707802	349	1
Refrigerant Transmitter R123 (BUS) 2000 ppm	3707803	349	1
Broadband Refrigerant Transmitter (BUS)	3707804	349	1
Accessories			
Calibration Adapter	AG01625	349	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Flammable Gas Detection Dräger PointGard® 3200

The Dräger PointGard® 3200 is a complete 1-channel gas detection system for measuring explosive gases or vapors in ambient air. The robust yet compact NEMA 4X / IP66 rated enclosure already contains the alarm equipment and power supply. The Dräger PointGard® 3200 uses the reliable DrägerSensor® CAT.



Gas Monitors			
Dräger PointGard 3200 CAT AC remote	3728171	377	1
Dräger PointGard 3200 CAT AC remote green	3728170	377	1
Dräger PointGard 3200 CAT AC	3728173	377	1
Dräger PointGard 3200 CAT AC green	3728172	377	1
Dräger PointGard 3200 CAT DC	3728169	377	1
Dräger PointGard 3200 CAT DC remote	3728168	377	1
Remote Sensor			
Polytron SE Ex PR M1 DQ (small standard housing)	6812711	344	1
Polytron SE Ex PR M2 DQ	6812710	344	1
Remote Sensor DQ NPT Steel	3706934	344	1
Remote Sensor DQ NPT Alu	3706933	344	1
Accessories			
Splash guard (not compatible with all sensors)	6812510	348	1
Green LED steady beacon PointGard 2/3xx0 (includes interface cable)	8326489	394	1
Blue LED strobe beacon PointGard 2/3xx0	8326472	394	1
Gassing adapter PE (white silicone)	6806978	348	1
Calibration adapter V (black rubber)	6810536	348	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
EW 3 power cable 2.5m PointGard 2/3xx0, BR*	8326448	377	1
EW 3 power cable 2.5m PointGard 2/3xx0, EU*	8326449	377	1
EW 3 power cable 2.5m PointGard 2/3xx0, UK*	8326450	377	1
EW 3 power cable 2.5m PointGard 2/3xx0, US*	8326451	377	1
EW 3 power cable 2.5m PointGard 2/3xx0, AUS*	8326452	377	1
Wall mounting brackets PointGard 2/3xx0 (set of 4 pcs. w/ screws)	8326497	348	1
IR Connection Kit Polytron 5xx0/8xx0 (requires PolySoft)	4544197	348	1
Dräger PolySoft Basic, Configuration Software License (free updates for 1 year)	8328600	316	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Flammable Gas Detection Dräger PointGard® 3700

The Dräger PointGard® 3700 is a complete 1-channel gas detection system for measuring explosive hydrocarbon gases or vapors in ambient air. The robust yet compact NEMA 4X / IP66 rated enclosure already contains the alarm equipment and power supply. The Dräger PointGard® 3700 is compatible with a remote infrared gas sensor Dräger PIR 7000 Type 334 or Type 340.



Gas Monitors			
Dräger PointGard 3700/3720 IR AC remote	3728167	377	1
Dräger PointGard 3700/3720 IR AC remote green	3728166	377	1
Dräger PointGard 3700/3720 IR DC remote	3728165	377	1
Remote Sensor			
Dräger PIR 7000 type 334 (NPT) HART complete set with Ex d junction box (made of stainless steel 316), splash guard, status indicator and mounting set, already pre-assembled	6813035	343	1
Dräger PIR 7000 type 334 (NPT) HART complete set with Ex d junction box (made of aluminum), splash guard, status indicator and mounting set, already pre-assembled	6813030	343	1
Dräger PIR 7000 type 334 (M25) HART complete set with Ex e junction box incl. M20 cable gland, splash guard, status indicator and mounting set, already pre-assembled	6811817	343	1
Dräger PIR 7000 type 334 (M25) complete set with Ex e junction box incl. M20 cable gland, splash guard, status indicator and mounting set, already pre-assembled	6811825	343	1
Dräger PIR 7000 type 340 (NPT) HART complete set with Ex d junction box (made of stainless steel 316), splash guard, status indicator and mounting set, already pre-assembled	6813045	343	1
Dräger PIR 7000 type 340 (NPT) HART complete set with Ex d junction box (made of aluminum), splash guard, status indicator and mounting set, already pre-assembled	6813040	343	1
Dräger PIR 7000 type 340 (M25) HART complete set with Ex e junction box incl. M20 cable gland, splash guard, status indicator and mounting set, already pre-assembled	6811819	343	1
Accessories			
Insect guard PIR 7000	6811609	348	1
Green LED steady beacon PointGard 2/3xx0 (includes interface cable)	8326489	394	1
Blue LED strobe beacon PointGard 2/3xx0	8326472	394	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Calibration adapter PIR 7x00	6811610	348	1
Flowcell PIR 7x00	6811490	348	1
Remote test adapter PIR 7x00	6811630	348	1
Process cuvette (adapter) PIR 7x00 (stainless)	6811415	348	1
Process adapter (cuvette) PIR 7x00 (plastic)	6811915	348	1
EW 3 power cable 2.5m PointGard 2/3xx0, BR*	8326448	377	1
EW 3 power cable 2.5m PointGard 2/3xx0, EU*	8326449	377	1
EW 3 power cable 2.5m PointGard 2/3xx0, UK*	8326450	377	1
EW 3 power cable 2.5m PointGard 2/3xx0, US*	8326451	377	1
EW 3 power cable 2.5m PointGard 2/3xx0, AUS*	8326452	377	1
Wall mounting brackets PointGard 2/3xx0 (set of 4 pcs. w/ screws)	8326497	348	1
IR Connection Kit Polytron 5xx0/8xx0 (requires PolySoft)	4544197	348	1
Dräger PolySoft Basic, Configuration Software License (free updates for 1 year)	8328600	316	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Optical Area Monitoring MetCam Gas Camera

The MetCam optical gas imaging camera continuously monitors large areas for possible methane leaks. In "Safety-Mode", it visualizes the source and the intensity of a leak and alarms in accordance with individually set thresholds. In "Emission-Mode", the MetCam can localize, visualize and quantify even very small leaks.



Detector			
MetCam Camera incl. EXD Cable	3703416	310	1
MetCam Camera incl. EXD Cable (Temp)	3703418	310	1
Accessories			
Pan Tilt Mounting Set	3703421	310	1
Weather shield	3703422	310	1
Functional test sheet	3703423	310	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Dräger X-node

The wireless Dräger X-node is a measurement and analysis system for continuously monitoring gas concentrations. It simultaneously measures the ambient temperature, humidity and pressure additionally to the gas concentration.

The measured values can be transferred to a database in real time via a LoRa network and to your smartphone via Bluetooth®.



X-node IoT Device

IoT Transmitter X-node, LoRa without DrägerSensor

Dräger X-node, EU863-870 (Europe)	5601008	392	1
Dräger X-node, US902-928 (USA, CAN, CSA)	5601026	392	1
Dräger X-node, AU915-928 (Australia, New Zealand)	5601027	392	1

Dräger X-node Hub configurator 3711807

X-node IoT Hub
Web-Interface

Runtime
month / device

		0 - 3 month	4 - 12 month	> 12 month
X-node Hub Basic	3732056	PR02053	PR02054	PR02055
X-node Hub Professional	3732057	PR02056	PR02057	PR02058
X-node Hub Premium	3732058	PR02059	PR02060	PR02061

X-node IoT Device IoT Transmitter X-node, LoRa without DrägerSensor	Order Code	Product Category	Price	Recommendation
Setup System (e.g. Gateway, Hub)	3732051	392	individual	1/2 day
X-node device (rental)	3732052	392	individual	75€ month/device
Additional Services	3732053	392	individual	-
Reporting	3732054	392	individual	-
X-node Comfort - Device/Gateway/Hub/...	3732055	392	individual	35-60€ day/device

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Sensors (more on demand)			
DrägerSensor Cl ₂	6809665	367	1
DrägerSensor CO	6809605	367	1
DrägerSensor H ₂	6809685	367	1
DrägerSensor H ₂ O ₂ HC	6809675	367	1
DrägerSensor H ₂ O ₂ LC	6809705	367	1
DrägerSensor H ₂ S LC	6809610	367	1
DrägerSensor IR CO ₂	6800482	392	1
DrägerSensor MEC NO	6812785	367	1
DrägerSensor MEC O ₂	6812740	367	1
DrägerSensor NH ₃ AL	6813735	367	1
DrägerSensor NH ₃ FL	6813260	367	1
DrägerSensor NO ₂ LC	6813205	367	1
DrägerSensor Ozone	6814005	367	1
Accessories			
MEC-Key	6812695	348	1
IFU-Dräger X-node	9300763	348	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Wireless Gas Detection Dräger Polytron® 6100 EC WL

The Dräger Polytron 6100 EC WL is a wireless transmitter for continuous measurement of toxic gases and oxygen. The intrinsically safe and SIL2 –rated (only ISA100) transmitter features completely wireless signal transmission and power supply. Both popular industry standards, ISA100 and WirelessHART are covered.

The internal battery pack allows the transmitter to operate continually for up to 24 month. This makes the Polytron 6100 a flexible and cost effective solution for plant expansions, upgrades, and new installations.

Dräger grants a manufacturer's warranty of 3 years for Polytron 6100 and some DrägerSensors (marked by *) according to the guarantee card.



Transmitter

following positions are including battery box. Additionally a battery pack, appropriate antenna and sensor have to be added.

Dräger Polytron 6100 EC WL	8327000	315	1
Dräger Polytron 6100 EC WL, ISA100	3714792	315	1
Dräger Polytron 6100 EC WL, WirelessHART	3714791	315	1
Dräger Polytron Repeater ISA100	8327001	315	1
Dräger Polytron Repeater ISA100	3714790	315	1
Dräger Polytron Repeater WirelessHART	3714789	315	1

Sensors

DrägerSensor Acidic Compounds AC	6810595	367	1
DrägerSensor Cl ₂	6809665	367	1
DrägerSensor CO	6809605	367	1
DrägerSensor CO LS	6809620	367	1
DrägerSensor CO LH	6812570	367	1
DrägerSensor COCl ₂	6809930	367	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
DrägerSensor H ₂	6809685	367	1
DrägerSensor H ₂ O ₂ HC	6809675	367	1
DrägerSensor H ₂ O ₂ LC	6809705	367	1
DrägerSensor H ₂ S	6810435	367	1
DrägerSensor H ₂ S HC	6809710	367	1
DrägerSensor H ₂ S LC	6809610	367	1
DrägerSensor HCl	6809640	367	1
DrägerSensor HCN LC	6813200	367	1
DrägerSensor PH ₃ /A ₈ H ₃	6809695	367	1
DrägerSensor Hydride	6809635	367	1
DrägerSensor Hydride SC	6809980	367	1
DrägerSensor N ₂ H ₄	6810180	367	1
DrägerSensor NH ₃ HC	6809645	367	1
DrägerSensor NH ₃ TL	6813095	367	1
DrägerSensor NO LC	6809625	367	1
DrägerSensor NO ₂ LC	6813205	367	1
DrägerSensor O ₂ LS	6809630	367	1
DrägerSensor Ozone	6814005	367	1
DrägerSensor OV 1	6810740	367	1
DrägerSensor OV 2	6810745	367	1
DrägerSensor SO ₂	6809660	367	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Accessories			
Polytron 6xx0 Battery Box	3702223	315	1
Polytron 6xx0 Battery Pack, 1 piece	3702176	315	1
Polytron 6xx0 Battery Pack, 6 pieces	3702177	315	1
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Polytron 6xx0 Conductive Antenna 2 dBi	8327813	315	1
Polytron 6xx0 Standard Antenna 2 dBi	3702169	315	1
Polytron 6xx0 Remote Antenna 6 dBi (not approved for European market in combination with Polytron 6100!)	3702171	315	1
Polytron 6xx0 Remote Antenna 2 dBi (globally approved)	3702244	315	1
Antenna cable 5m	AL20719	315	1
Antenna cable 10m	AL20720	315	1
Antenna cable 20m	AL20721	315	1
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Weather protection set Polytron 5/6/8xx0	3702198	348	1
Pole Mount Kit Polytron 5xx0/8xx0	4544198	348	1
Magnetic Wand (blue body, white logo)	4544101	348	1
Cap Polytron 6xx0	3702224	394	1
O-Ring Cap Polytron 6xx0 (5 pcs.)	3702298	394	1
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Dräger PolySoft Basic, Configuration Software License (free updates for 1 year)	8328600	316	1
Dräger PolySoft Basic, Configuration Software License (yearly fee - unlimited free updates)	8328601	316	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Flammable Gas Detection GasSecure GS01

Truly wireless, the GasSecure GS01 combines single-beam triple-wavelength infrared (IR) technology with extremely low power consumption, to provide fast hydrocarbon gas detection in the most demanding and hazardous of settings.

The GS01 creates value for the customer with dramatically reduced installation cost and time, reliable infrared operation, and calibration-free design.

Dräger grants a manufacturer's warranty of 3 years for GasSecure GS01 according to the guarantee card.



Transmitter			
GS01 Wireless IR Hydrocarbon Gas Detector (includes empty battery pack AL20713, weather cap AL20709, antenna 3705654, add 2 battery cells AL20706)	3705976	315	1
GS01-EA Wireless IR Gas Detector -5m FM (includes empty battery pack AL20713, weather cap AL20709, antenna AL20718, 5m antenna cable AL20719, add 2 battery cells AL20706)	AL20737	315	1
GS01-EA Wireless IR Gas Detector -10m FM (includes empty battery pack AL20713, weather cap AL20709, antenna AL20718, 10m antenna cable AL20720, add 2 battery cells AL20706)	AL20738	315	1
GS01-EA Wireless IR Gas Detector -20m FM (includes empty battery pack AL20713, weather cap AL20709, antenna AL20718, 20m antenna cable AL20721, add 2 battery cells AL20706)	AL20739	315	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Accessories			
Battery Pack FM without battery cells	AL20713	315	1
Battery cell type SL-2780/S - EUR	AL20706	315	1
Battery cap	AL20708	315	1
Weather cap	AL20709	315	1
Sencity OMNI-S Omni-directional 6 dBi Antenna with bracket (for GS01-EA)	AL20718	315	1
Sencity OMNI-S 2 dBi stick antenna with bracket (for GS01-EA, alternative for AL20718)	3705655	315	1
Sencity OMNI-S 2 dBi stick antenna N-MALE (for GS01)	3705654	315	1
Antenna cable with n-type connectors in both ends, 5 m (for GS01-EA)	AL20719	315	1
Antenna cable with n-type connectors in both ends, 10 m (for GS01-EA)	AL20720	315	1
Antenna cable with n-type connectors in both ends, 20 m (for GS01-EA)	AL20721	315	1
GS01 serial adapter (for device provisioning)	AL20710	315	1
GS01 sunshade / weather protection	AL20711	315	1
O-ring for battery compartment, set of 5 pcs	3701093	315	1
USB To RAW SIR Serial Adapter (for provisioning the Yokogawa access point)	3709723	315	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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DrägerSensors for Fixed Gas Detection DrägerSensors Ex

Catalytic bead sensors are housing heated beads (pellistors) which catalytically oxidize flammable gases and vapours causing their temperature to rise by the additional heat of reaction. The pellistor's resistance increases with temperature and is proportional to the gas concentration.



DrägerSensor PR M DQ Spare sensor for Polytron SE Ex PR M ... DD, PEX 3000 (XTR 0000 and XTR 0001). Also spare sensor for Ex-Sensor PR M (6812220) in transmitter PEX 3000 XTR 0000 (8318280) and XTR 0001 (8318360), and transmitter Polytron Ex (8317517)	6814140	360	1
DrägerSensor HT M DQ Spare sensor for Polytron SE Ex HT M DD. Also spare sensor for Ex-Sensor HT M (6812390) in Polytron SE Ex HT M (6810530)	6814145	360	1
DrägerSensor PR NPT DQ Spare sensor for Polytron SE Ex PR NPT DD, Polytron 5xxx, Polytron 8xxx, PointGard 2200 and PointGard 3200	6814150	360	1
DrägerSensor LC M (10%LEL) Spare sensor for Polytron SE Ex LC M ... DD, PEX 3000 (XTR 0010 and XTR 0011). Also spare sensor for Polytron SE Ex LC M (6810486)	6810350	360	1
DrägerSensor LC NPT Spare sensor for Polytron SE Ex LC NPT...DD	6810675	360	1
Accessories			
Gore-Membrane (8 pcs.)	8326840	393	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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DrägerSensors® for Fixed Gas Detection DrägerSensor IR

As an explosion proof gas sensor for continuous monitoring of flammable gases and vapors in the ambient air, the DrägerSensor IR offers a possibility for replacement of catalytic bead sensors, easy to be installed. The sensor is built for industrial environments (stainless steel 316 enclosure) and it features immunity to pellistor poisons.



Sensors			
DrägerSensor IR (M25)	6811100	375	1
DrägerSensor IR (NPT)	6811110	375	1
DrägerSensor IR complete set e (with regular Ex e junction box)	6811165	375	1
DrägerSensor IR complete set e2 (with octa Ex e junction box)	6811265	375	1
DrägerSensor IR complete set d (with Ex d junction box)	6811185	375	1
DrägerSensor IR (for Polytron 5310/8310)	6811901	375	1
Change of gas category (via SAP configurator)	6811588	375	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Manuals			
IFU DrägerSensor IR – German (not included in sensor)	9023843	375	1
IFU DrägerSensor IR – English (not included in sensor)	9023981	375	1
IFU DrägerSensor IR – French (not included in sensor)	9023982	375	1
IFU DrägerSensor IR - Finnish / Swedish (not included in sensor)	9023983	375	1
IFU DrägerSensor IR - Spanish / Portuguese (not included in sensor)	9023984	375	1
IFU DrägerSensor IR - Hungarian / Polish (not included in sensor)	9023985	375	1
IFU DrägerSensor IR - Danish / Norwegian (not included in sensor)	9023986	375	1
IFU DrägerSensor IR - Italian / Dutch (not included in sensor)	9023987	375	1
Accessories			
Splash guard DSIR	6810796	348	1
Calibration adapter DSIR	6810859	348	1
Gassing/process adapter DSIR	6811330	348	1
Weather guard DSIR	6811135	348	1
Mounting set e DSIR	6811427	348	1
Mounting set d DSIR	6811426	348	1
Duct mount set DSIR	6810995	348	1
Magnetic wand	4544101	348	1
Junction box Ex e (rectangular)	6811299	348	1
Junction box Ex e (octagonal)	6811159	348	1
Junction box Ex d	6811161	348	1
Cable gland M20 set DSIR	6811323	348	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Control Systems

Dräger REGARD® 2400 and 2410

Dräger REGARD 2400 and 2410 are flexible small control units for detection of toxic gases and oxygen as well as combustible gases and vapours. Combined with the Dräger transmitters or sensing heads Dräger REGARD 2400 or 2410 forms a low-maintenance gas detection system for reliable protection.



Dräger REGARD 2410	SC00011	382	1
Dräger REGARD 2400	SC00014	382	1
Configuration set	SC00040	382	1
Input-Output module	SC00018	382	1
Relay module	SC00019	382	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Control Systems Dräger REGARD® 3000

Monitor various gases and vapours with the modular Dräger REGARD 3000 control system. Its multi-coloured status light signals the status of your gas detection system. The controller allows you to combine three different modules:

Input, Relay and Gateway module. You can connect up to four analogue transmitters and eight relays in combination.



Dräger REGARD® 3000 black

Dräger REGARD Display Unit black	3709719	383	1
Dräger REGARD 3000 Base Unit black	3705684	383	1

Dräger REGARD® 3000 Grey

Dräger REGARD 3000 Display Unit grey	3705685	383	1
Dräger REGARD 3000 Base Unit grey (incl. Docking station, Horn and power supply)	3706357	383	1

Dräger REGARD® cabinet mounting

Dräger REGARD 3000 Display Unit grey	3705685	383	1
Dräger REGARD 3000 Docking Station	3709678	383	1
Dräger REGARD 3000 Cabinet Wire Harness 2m	3704261	383	1
Dräger REGARD 3000 Adapter Plate Set	3711953	383	1

Dräger REGARD® Configuration SW

Dräger REGARD 3000/5000 PC-Software Key	3709533	383	1
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Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
System components			
Dräger REGARD 3000 4-20mA Input Module 2Ch	3705680	383	1
Dräger REGARD 3000/5000 4-20mA Input Module 4Ch	3705681	383	1
Dräger REGARD 3000/5000 Slotcover	3705672	383	1
Dräger REGARD 3000/5000 Relay Module 4Ch	3705687	383	1
Dräger REGARD 3000/5000 Relay Module 8Ch	3705688	383	1
Dräger REGARD 3000/5000 MB RTU Gateway Module	3705693	383	1
Dräger REGARD 3000/5000 MB TCP Gateway Module	3705694	383	1
Accessories			
REGARD 3000/5000 EMC Cabel Gland	3709674	383	1
Socket wrench for cable gland	3716411	383	1
Dräger REGARD 3000 Retaining Clip	3720165	383	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Control Systems

Dräger REGARD® 3900 / 3910 / 3920

The Dräger REGARD 3900 is a standalone, self-contained control system for the detection of Toxic, Oxygen and Ex hazards.

The control system is fully configurable between 1 and 16 channels, depending upon the type and quantity of input/output boards installed.

Transmitter input boards for 4 to 20 mA signals can be mixed with relay output boards in the same control system.

The robust IP 65 housing allows the control system to be installed in almost any location, excluding hazardous, classified areas!

At any time, the control system can be up-graded to meet with plant extensions and changes.



Complete assembly excluding power supply

REGARD 3900 1 + 1 (incl. housing, 1 input board + 1 relay board)	4208810	38l	1
REGARD 3900 1 + 2	4208811	38l	1
REGARD 3900 2 + 0	4208812	38l	1
REGARD 3900 2 + 1	4208813	38l	1
REGARD 3900 2 + 2	4208814	38l	1
REGARD 3900 3 + 0	4208815	38l	1
REGARD 3900 3 + 1	4208816	38l	1
REGARD 3900 4 + 0	4208817	38l	1

Components

REGARD 3900 (incl. housing + display)	4208780	38l	1
REGARD 3920 Basic unit (incl. housing + display)	4208850	38l	1
REGARD 3910 (display board for mounting into cabinet)	4208830	389	1
REGARD 3910 ribbon cable (required for 4208830)	4208750	389	1
REGARD 3910 Back Plate (for mounting modules into cabinet)	4208831	38l	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
REGARD 3900 / 3910 / 3920 4 to 20 mA input module 4 way	4208782	381	1
REGARD 3900 / 3910 / 3920 relay module	4208784	381	1
REGARD 3900 / 3920 mounting bracket	4208796	381	1
REGARD 3900 / 3910 / 3920 repeat 4 to 20 mA board, 8 outputs	4208797	381	1
Regard 3900 / 3910 / 3920 Configuration cable (software for free available on our homepage)	4208785	381	1
Power supply for DIN rail mounting, 110/230 VAC, 2.5A	4208745	381	1
Power supply for DIN rail mounting, 110/230 VAC, 5A	4208746	381	1
Power supply for DIN rail mounting, 110/230 VAC, 10A	4208747	381	1
REGARD 3900 ABS Junction Box (same size, for e.g. safety barriers, relays ...)	4208751	381	1
REGARD 3900 / 3910 / 3920 modbus gateway	SC00083	381	1
REGARD 3900 / 3910 / 3920 profibus gateway	AG01100	381	1
REGARD 3900 / 3910 / 3920 modbus TCPIP gateway	SDI3037	381	1
REGARD 3900 / 3910 / 3920 profinet gateway	8328218	381	1
REGARD 3900 / 3920 gateway cable	SC00084	381	1
REGARD 3910 gateway cable only without display board	SC00085	381	1
Visualisation Panel			
RVP 3900	3712818	381	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Control Systems

Dräger REGARD® 7000

The Dräger REGARD 7000 is a modular and therefore highly expandable analysis system for monitoring various gases and vapours.

Suitable for gas warning systems with various levels of complexity and numbers of transmitters, the Dräger REGARD 7000 also features exceptional reliability and efficiency. Another benefit is the backward compatibility with the REGARD.



Dashboards Configurator

To avoid inconvenience for the customer the Dashboard can be delivered with already activated Add-Ons via the Configurator.

REGARD 7000 Dashboard conf	3706706	350	
REGARD 7000 Add-On Systems Reports (add-on includes Component-Report and System Documentation)	3710760	350	1

Dashboards Basic Units

REGARD 7000 Dashboard Basic Unit	3706704	350	1
REGARD 7000 Dashboard Basic Unit maritim	3706705	350	1

Modules

REGARD 7000 Docking Station 8-Slot	8322286	350	1
REGARD 7000 Docking Station 4-Slot	8322320	350	1
REGARD 7000 Slot Cover	8323812	350	1
REGARD 7000 4-20 mA Input Module c/w HART	8327250	350	1
REGARD 7000 Digital Input Module	8324003	350	1
REGARD 7000 Relay Module 24 V DC	8323250	350	1
REGARD 7000 Relay Module 240V AC	8324010	350	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
REGARD 7000 Relay Module 24 V DC complex	8324874	350	1
REGARD 7000 Relay Module 240V AC complex	8324875	350	1
REGARD 7000 Terminal Block 2 pole	8324871	350	1
REGARD 7000 Terminal Block 16 poles	8324017	350	1
REGARD 7000 Terminal Block 16 pole Res	8328202	350	1
REGARD 7000 Terminal Block 24 pole AC	8324016	350	1
REGARD 7000 Terminal Block 24 pole DC	8324020	350	1
REGARD 7000 Bridge Module	8324870	350	1
REGARD 7000 Modbus RTU Gateway Kit	8324872	350	1
REGARD 7000 Long Distance Gateway Set I	8323815	350	1
REGARD 7000 Profibus Gateway Set	8328191	350	1
REGARD 7000 Profinet Gateway Set	8328196	350	1
REGARD 7000 Modbus RTU Client Modul	8328200	350	1
REGARD 7000 Modbus TCP Gateway Set	3707174	350	1
REGARD 7000 OPC UA Server	3704232	350	1
REGARD 7000 PC configuration software (available via download)			
REGARD 7000 PC-Software Key	8327253	350	1
REGARD 7000 Retaining bracket set (7x)	8327257	350	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Control Systems Dräger VarioGard

The Dräger VarioGard is a state of the art system for continuous measurement and monitoring of gas concentrations in the environment. Up to 100 transmitters or modules can be connected via a digital bus to the central unit. The system is extremely flexible and can be configured by software to meet the needs of various applications.



Central Units			
VarioGard Central Unit DE 230 V Wall for wall mounting	8315150	349	1
VarioGard Central Unit DE 230 V Cabinet for installation in switch cabinet	8315160	349	1
VarioGard Central Unit EN 230 V Wall for wall mounting	8315350	349	1
VarioGard Central Unit EN 230 V Cabinet for installation in switch cabinet	8315360	349	1
VarioGard Central Unit EN 115 V Wall for wall mounting	8315370	349	1
VarioGard Central Unit EN 115 V Cabinet for installation in switch cabinet	8315380	349	1
Dräger VVP 1000			
Dräger VVP 1000 (1:1)	8325681	349	1
Dräger VVP 1000 (1:2) COMING SOON	8325682	349	1
Dräger VVP 1000 (1:3) COMING SOON	8325683	349	1
VarioGard modbus gateway	8324834	349	1
Manual			
IFU-Dräger VarioGard gas detection system	9033185	349	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Modules			
VarioGard battery module without battery	8315178	349	1
VarioGard lead battery pack	8315569	349	1
VarioGard relay module	8315238	349	1
VarioGard converter module 4 to 20 mA / BUS	8315226	349	1
VarioGard repeater	8317146	349	1
Accessories			
VarioGard wall housing (for installation of relay module, converter module and repeater)	8315647	349	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Flame Detection Dräger Flame 1000 Series

Dräger Flame 1500 is an explosion proof flame detector using infrared sensors to detect hot CO₂ emitted from hydrocarbon fires. This IR3 detector uses highly advanced algorithms to process and interpret flame characteristics and is therefore more resistant against false alarms compared to other flame detectors.



Detector			
Dräger Flame 1350 2x3/4" NPT stainless steel	3724440	388	1
Dräger Flame 1350 2x3/4" NPT aluminium	3724441	388	1
Dräger Flame 1350 2xM25 stainless steel	3724442	388	1
Dräger Flame 1350 2xM25 aluminium	3724443	388	1
Dräger Flame 1500 2xM25 aluminium	3721519	388	1
Dräger Flame 1500 2xM25 stainless steel	3721518	388	1
Dräger Flame 1500 2x3/4" NPT aluminium	3721517	388	1
Dräger Flame 1500 2x3/4" NPT stainless steel	3721516	388	1
Dräger Flame 1750 2x3/4" NPT stainless steel	3724444	388	1
Dräger Flame 1750 2x3/4" NPT aluminium	3724445	388	1
Dräger Flame 1750 2xM25 stainless steel	3724446	388	1
Dräger Flame 1750 2xM25 aluminium	3724447	388	1

Accessories and cable glands can be found in a separate price list

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Flame Detection Dräger Flame 3000

Dräger Flame 3000 is an imaging based explosion proof flame detector. This multi-channel IR visual flame detection system uses digital signal processing and advanced algorithms to process and interpret flame characteristics. This principle offers an extended field of view and fewer false alarms compared to conventional flame detectors.



Aluminium housing			
Dräger Flame 3000 1 x M25	4209460	388	1
Dräger Flame 3000 2 x M25	4209461	388	1
Dräger Flame 3000 1 x M20	4209462	388	1
Dräger Flame 3000 2 x M20	4209463	388	1
Dräger Flame 3000 1 x 3/4" NPT	4209464	388	1
Dräger Flame 3000 2 x 3/4" NPT	4209465	388	1
Dräger Flame 3000 1 x 1/2" NPT	4209476	388	1
Dräger Flame 3000 2 x 1/2" NPT	4209467	388	1
Stainless steel housing			
Dräger Flame 3000 1 x M25	4209468	388	1
Dräger Flame 3000 2 x M25	4209469	388	1
Dräger Flame 3000 1 x M20	4209470	388	1
Dräger Flame 3000 2 x M20	4209471	388	1
Dräger Flame 3000 1 x 3/4" NPT	4209477	388	1
Dräger Flame 3000 2 x 3/4" NPT	4209478	388	1
Dräger Flame 3000 1 x 1/2" NPT	4209474	388	1
Dräger Flame 3000 2 x 1/2" NPT	4209475	388	1

Accessories and cable glands can be found in a separate price list

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Flame Detection Dräger Flame 5000 (CCTV)

The Dräger Flame 5000 is an explosion proof colour imaging based flame detector. Each detector operates standalone and incorporates, within a single unit, an integrated CCTV system; digital signal processing and software algorithms to process live video image and interpret the characteristics of a flame.



Aluminium housing			
Dräger Flame 5000, 1 x M20, 4-20mA, PAL	4209308	388	1
Dräger Flame 5000, 2 x M20, 4-20mA, PAL	4209496	388	1
Dräger Flame 5000, 1 x M20, 4-20mA, NTSC	4209348	388	1
Dräger Flame 5000, 1 x M20, Relay, PAL	4209349	388	1
Dräger Flame 5000, 2 x M20, Relay, PAL	4209524	388	1
Dräger Flame 5000, 1 x M20, Relay, NTSC	4209309	388	1
Dräger Flame 5000, 1 x M25, 4-20mA, PAL	4209333	388	1
Dräger Flame 5000, 2 x M25, 4-20mA, PAL	4209494	388	1
Dräger Flame 5000, 1 x M25, 4-20mA, NTSC	4209352	388	1
Dräger Flame 5000, 1 x M25, Relay, PAL	4209353	388	1
Dräger Flame 5000, 2 x M25, Relay, PAL	4209521	388	1
Dräger Flame 5000, 1 x 3/4" NPT, 4-20mA, NTSC	4209350	388	1
Dräger Flame 5000, 1 x 3/4" NPT, Relay, PAL	4209351	388	1
Dräger Flame 5000, 1 x 3/4" NPT, Relay, NTSC	4209310	388	1
Stainless steel housing			
Dräger Flame 5000, 1 x M20, 4-20mA, PAL	4209320	388	1
Dräger Flame 5000, 2 x M20, 4-20mA, PAL	4209495	388	1
Dräger Flame 5000, 1 x M20, 4-20mA, NTSC	4209354	388	1
Dräger Flame 5000, 1 x M20, Relay, PAL	4209355	388	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Dräger Flame 5000, 2 x M20, Relay, PAL	4209522	388	1
Dräger Flame 5000, 1 x M20, Relay, NTSC	4209321	388	1
Dräger Flame 5000, 1 x M25, 4-20mA, PAL	4209335	388	1
Dräger Flame 5000, 2 x M25, 4-20mA, PAL	4209479	388	1
Dräger Flame 5000, 1 x M25, 4-20mA, NTSC	4209358	388	1
Dräger Flame 5000, 1 x M25, Relay, PAL	4209359	388	1
Dräger Flame 5000, 2 x M25, Relay, PAL	4209523	388	1
Dräger Flame 5000, 1 x 3/4" NPT, 4-20mA, PAL	4209323	388	1
Dräger Flame 5000, 1 x 3/4" NPT, 4-20mA, NTSC	4209356	388	1
Dräger Flame 5000, 1 x 3/4" NPT, Relay, PAL	4209357	388	1
Dräger Flame 5000, 1 x 3/4" NPT, Relay, NTSC	4209322	388	1
Accessories for Flame 5000			
Balanced line to BNC video converter (4 channel)	4209327	388	1

Accessories and cable glands can be found in a separate price list

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Flame Detection Accessories

These accessories can be used for all Dräger Flame Detectors.

Accessories			
Dräger Flame Simulator FS-5000	4209307	388	1
Bracket Standard - 316 stainless steel	3718732	388	1
Bracket Marine - 316 stainless steel	3701298	388	1
Sealing Kit Detector - metric	3701303	388	1
Sunshield - Flame 1x00/3x00/5x00	3701299	388	1
Mount Kit - 2" pole	3701300	388	1
Mount Kit - 3" pole	3701301	388	1
Mount Kit - 4" pole	3701302	388	1
Air Shield - Flame stainless steel (grey)	3724460	388	1
Air Shield - Flame aluminium (red)	3724461	388	1
Duct Mount - Flame stainless steel	3724462	388	1
Adaptor Bracket - Flame stainless steel	3724463	388	1
Modem - USB HART Flame	3724464	388	1
Charger - Flame Simulator FS-5000	3724465	388	1
Converter - USB to RS485 Flame	3724466	388	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Software

Licence for Dräger PRC 7000 Remote Control Software	3701228	316	1
Licence for Dräger PRC 7010 Remote Control Software	3701229	316	1
Dräger PolySoft Basic, Configuration Software License (free updates for 1 year)	8328600	316	1
Dräger PolySoft Basic, Configuration Software License (yearly fee - unlimited free updates)	8328601	316	1
Dräger PolySoft Premium, Configuration Software (for uploading IR gas config) License (free updates for 1 year)	8328639	316	1
Dräger PolySoft Premium, Configuration Software (for uploading IR gas config) License (yearly fee - lifetime updates for free)	8328640	316	1
Dräger REGARD interface card (incl. configuration software and USB cable)	8322990	380	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Calibration Accessories



Gasing adapter PE for DrägerSensor EC, Ex	6806978	348	1
Calibration adapter V for DrägerSensor EC, Ex	6810536	348	1
Remote calibration adapter for DrägerSensor EC, Ex	6807955	348	1
Calibration-/process adapter AC for Polytron 3000, 7000	6809380	348	1
Calibration-/process adapter 2 AC for Polytron Transmitter	8324093	348	1
Supplemental calibration adapter IR Ex HC + IR CO₂	6809240	348	1
Calibration adapter IR for splashguard	6809780	348	1
Calibration adapter DSIR	6810859	348	1
Start-up kit f. HF/HCl L and AC (Pipette, electrolyte for initial operation of max. 4 channels)	6809381	348	1
Start-up kit Cl₂ L (Pipette, electrolyte for initial operation of max. 4 channels)	6809382	348	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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General Accessories



Sampling Devices			
PSD 3000 (Polytron Sampling Device)	8319270	348	1
Selective Filter			
Selective filter AS	6806445	348	1
Selective filter A2F (for DrägerSensor CO, CO LS and H ₂)	6809684	348	1
Selective filter BF (for DrägerSensor HCN, Hydrides and Hydrides SC)	6809653	348	1
Selective filter MF (for DrägerSensor Hydrides and PH ₃ /AsH ₃)	6809638	348	1
Selective filter K2F (for DrägerSensor COCl ₂)	6809933	348	1
Selective filter NF (for DrägerSensor HCl)	6809643	348	1
Selective filter HSF (for DrägerSensor Hydrides)	6809862	348	1
Selective filter KIF (for DrägerSensor SO ₂)	6809663	348	1
Selective filter D3F (for DrägerSensor CO, CO LS, CO LH, H ₂)	6812435	348	1
Dust Filter			
Dust filter (not suitable for DrägerSensor Ex LC M)	6810537	348	1
Dust filter (for electrochemical DrägerSensors Type 3)	6809595	348	1
Dust filter	6812224	348	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Bling Plugs Reducer/Adapter Cable Glands

Blind Plugs

Blind Plug M25 Ex d (NP Brass)	3721366	348	
Blind Plug M25 Ex d (StSt)	3721367	348	
Blind Plug 3/4 NPT Ex d (NP Brass)	6812269	348	
Blind Plug 3/4 NPT Ex d (StSt)	4544321	348	

Reducer / Adapter

Reducer M25 to M20 Ex d (NP Brass)	3721368	348	
Reducer M25 to M20 Ex d (StSt)	3721377	348	
Reducer 3/4NPT to 1/2NPT Ex d (NP Brass)	3721370	348	
Reducer 3/4NPT to 1/2NPT Ex d (StSt)	3721371	348	
Reducer 3/4NPT to M20 Ex d (NP Brass)	3721376	348	
Adapter M25 to 3/4NPT Ex d (NP Brass)	3721372	348	
Adapter M25 to 3/4NPT Ex d (StSt)	3721373	348	
Adapter 3/4NPT to M25 Ex d (NP Brass)	3721374	348	
Adapter 3/4NPT to M25 Ex d (StSt)	3721375	348	

Cable Glands

Cable gland M20 Ex d (Non-Arm, NP Brass)	3721382	348	
Cable gland M20 Ex d (Non-Arm, StSt)	3721383	348	
Cable gland M25 Ex d (Non-Arm, NP Brass)	3721384	348	
Cable gland M25 Ex d (Non-Arm, StSt)	3721385	348	
Cable gland 3/4NPT Ex d (Non-Arm, NP Brass)	3721386	348	
Cable gland 3/4NPT Ex d (Non-Arm, StSt)	3721387	348	
Cable gland M20 Ex d (Arm, NP Brass)	3721388	348	
Cable gland M20 Ex d (Arm, StSt)	3721389	348	
Cable gland M25 Ex d (Arm, NP Brass)	3721390	348	
Cable gland M25 Ex d (Arm, StSt)	3721391	348	
Cable gland 3/4NPT Ex d (Arm, NP Brass)	3721392	348	
Cable gland 3/4NPT Ex d (Arm, StSt)	3721393	348	
Cable gland M20 Ex e (NP Brass)	3721394	348	
Cable gland 3/4NPT Ex d (Arm, NP Brass)	3721395	348	

Gas Detection Technology

Fixed Gas Detection Systems

Part number	Size	Material	Cable diameter	Armoured cable	Ex marking	Temperature range
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Bling Plugs

3721366	M25	Nickel-plated brass	NA	NA	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +130°C
3721367	M25	Stainless steel	NA	NA	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +130°C
6812269	3/4 NPT	Nickel-plated brass	NA	NA	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	NA
4544321	3/4 NPT	Stainless steel	NA	NA	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	NA

Reducer/Adapter

3721368	M25	Nickel-plated brass	NA	NA	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +130°C
3721377	M25	Stainless steel	NA	NA	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +130°C
3721370	3/4 NPT	Nickel-plated brass	NA	NA	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +130°C
3721371	3/4 NPT	Stainless steel	NA	NA	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +130°C
3721372	M25	Nickel-plated brass	NA	NA	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +130°C
3721373	M25	Stainless steel	NA	NA	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +130°C
3721374	3/4 NPT	Nickel-plated brass	NA	NA	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +130°C
3721375	3/4 NPT	Stainless steel	NA	NA	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +130°C
3721376	3/4 NPT	Nickel-plated brass	NA	NA	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +130°C

Gas Detection Technology

Fixed Gas Detection Systems

Part number	Size	Material	Cable diameter	Armoured cable	Ex marking	Temperature range
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Cable glands

3721382	M20	Nickel-plated brass	4 - 12mm	No	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +80°C
3721383	M20	Stainless steel	4 - 12mm	No	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +80°C
3721384	M25	Nickel-plated brass	14 - 20mm	No	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +80°C
3721385	M25	Stainless steel	10 - 18mm	No	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +80°C
3721386	3/4 NPT	Nickel-plated brass	14 - 20mm	No	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +80°C
3721387	3/4 NPT	Edelstahl / Stainless steel	10 - 18mm	No	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +80°C
3721388	M20	Nickel-plated brass	6-11 / 8-15mm	Yes	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +100°C
3721389	M20	Stainless steel	6-11 / 8-15mm	Yes	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +100°C
3721390	M25	Nickel-plated brass	10-15.5 / 13.5-21mm	Yes	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +100°C
3721391	M25	Stainless steel	10-15.5 / 13.5-21mm	Yes	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +100°C
3721392	3/4 NPT	Nickel-plated brass	10-15.5 / 13.5-21mm	Yes	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +100°C
3721393	3/4 NPT	Stainless steel	10-15.5 / 13.5-21mm	Yes	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +100°C
3721394	M20	Nickel-plated brass	4 - 12mm	No	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-40 - +80°C
3721395	3/4 NPT	Nickel-plated brass	13.5-20.5 / 18-27mm	Yes	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-40 - +80°C

Gas Detection Technology

Alcohol Measuring Systems and Drug Detection Systems

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Alcohol Measuring Systems and Drug Detection Systems

Description	Order Code	Product Category	Packing unit
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Alcohol Measuring Systems Alcotest® Handheld Dräger Alcotest® 4000

The Dräger Alcotest 4000 offers responsible drivers a reliable way to test their breath alcohol and gives them the assurance of being legal to drive. This is ensured by precise measurement technical identical to that used by the police, verified by over 30 million breath alcohol tests a year.



Dräger Alcotest® 4000

Dräger Alcotest 4000, standard Consisting of measuring device Alcotest 4000, languages: en, de, fr, es, pl, nl, it, pt, et, lt, sl, cs. Microfiber bag (black), 3 mouthpieces, battery included, short instructions for use and safety instructions.	3706317	363	1
Dräger Alcotest 4000, modular system Configured to customer's requirements. Consisting of measuring device Alcotest 4000, microfiber bag (black), 3 mouthpieces, battery included, short instructions for use and safety instructions.	3706319	363	1
Dräger Alcotest 4000, USA (FDA) Consisting of measuring device Alcotest 4000, languages: en, de, fr, es, pl, nl, it, pt, et, lt, sl, cs. Microfiber bag (black), 3 mouthpieces, battery included, short instruction for use, safety instructions, instruction for use.	3706325	363	1

The calibration certificate can be downloaded from <https://www.draeger.com/productioncertificates>.

Alcohol Measuring Systems and Drug Detection Systems

Description	Order Code	Product Category	Packing unit
Alcotest 4000 Mouthpieces			
Mouthpieces (5 pieces) each individually packed	8325250	955	1
Alcotest 4000 Power Supply			
Lithium battery (CR123A) (one battery needed)	4543808	336	1
Alcotest 4000 Accessories			
Microfiber bag 4000	8324994	980	1
Dräger Alcotest 4000, demo unit	3706322	363	1
Calibration Accessories			
Please have a look at the index for calibration accessories.			

Alcohol Measuring Systems and Drug Detection Systems

Description	Order Code	Product Category	Packing unit
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Alcohol Measuring Systems Alcotest® Handheld Dräger Alcotest® 5000

The Dräger Alcotest 5000 is a non-contact test device for e.g. police and workplace applications. It is based on the high efficient electrochemical DrägerSensor technology, which measures the presence of alcohol in the exhaled air in seconds.

The test persons blow into the hygienic flow funnel on top of the device while keeping a short distance without contact to the device. The Dräger Alcotest 5000 is designed to test high number of persons in a very short time.



Dräger Alcotest® 5000

Dräger Alcotest 5000 Consisting of measuring device Alcotest 5000, 3 hygienic flow funnels, hand loop, 3 alkaline batteries (not in Dräger Alcotest 5000, V7), microfiber bag (black), short instructions for use.			
Dräger Alcotest 5000, V1 Languages: en, de, fr, es, nl, it, ca, pt.	8327701	355	1
Dräger Alcotest 5000, V2 Languages: en, pl, fi, sv, da, no, et, lt, lv	8327702	355	1
Dräger Alcotest 5000, V3 Languages: en, ru, uk, sk, sl, cs, hu, bs, hr	8327703	355	1
Dräger Alcotest 5000, V4 Languages: en, el, tr, bg, ro, sr, hi, he, ar	8327704	355	1
Dräger Alcotest 5000, V5 Languages: en, ja, ko, zh, zh-HK	8327705	355	1
Dräger Alcotest 5000, V6 Languages: en, zh-TW, ms, th, vi	8327706	355	1
Dräger Alcotest 5000, V7 Languages: en, de, fr, es, nl, it, ca, pt No batteries are included in Dräger Alcotest 5000, V7, e.g. for delivery to Argentina.	8327707	355	1

The calibration certificate can be downloaded from <https://www.draeger.com/productioncertificates>.

Alcohol Measuring Systems and Drug Detection Systems

Description	Order Code	Product Category	Packing unit
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Alcotest 5000 Funnel

Hygienic flow funnel, A5000/7000.
(10 pieces) each individually packed

8327718

955

1

€61.75

Alcotest 5000 Power Supply

Alkaline battery (Mignon, LR6, AA, 1.5 V)
(3 batteries needed)

1335804

981

1

€1.63

Alcotest 5000 Accessories

Storage bag S, L195mmxW134mmxH55mm
For Alcotest and funnels



3714803

355

1

Storage bag M, L230mmxW195mmxH75mm
For Alcotest, funnels



3714802

355

1

Microfiber bag A5000 (black)



8327747

980

1

Protection & carrying bag Alcotest 5000 (black)
Including belt clip and port fastener



3703688

355

1

Transport Case A5000 - A7000 Small
with special designed insert for Alcotest device, batteries and funnel

8317920

356

1

Smarttree clip mount

3701903

954

1

Reflex foil set yellow, Alcotest 5000

8327742

356

1

Reflex foil set orange, Alcotest 5000

8327743

356

1

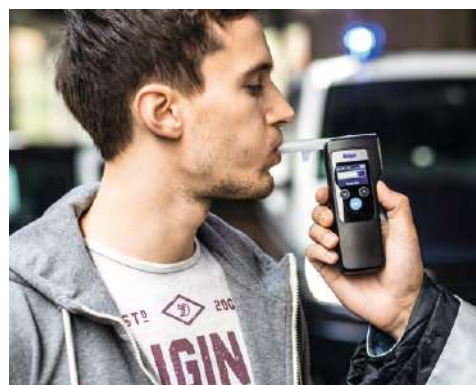
Alcohol Measuring Systems and Drug Detection Systems

Description	Order Code	Product Category	Packing unit
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Alcohol Measuring Systems Alcotest® Handheld Dräger Alcotest® 6000

The Dräger Alcotest 6000 allows the professional user to perform a breath alcohol test with speed and precision. The measuring technology of this small and user-friendly portable measuring device has already proven itself over 200,000 times worldwide.

The optional Bluetooth® Low Energy module offers you energy-saving, digital connectivity for the device and its data. For example, the wireless connection of the Alcotest 6000 to the Dräger Mobile Printer BT enables you to print out test results from a distance of up to 15 meters.



Dräger Alcotest® 6000

Dräger Alcotest 6000, standard Languages: en, de, fr, es, pl, nl, it, pt, et, lt, sl, cs [mg/L; mouthpiece adapter right] According to customer's requirements, the language and measuring unit are pre-set. Consisting of measuring device Alcotest 6000, 3 mouthpieces, battery included, hand loop and safety instructions.	3706961	355	1
Dräger Alcotest 6000, USA (FDA) [mg/L; mouthpiece adapter right] According to customer's requirements, the language and measuring unit are pre-set. Consisting of measuring device Alcotest 6000, 3 mouthpieces, battery included, hand loop, safety instructions and instruction for use.	3706962	355	1
Dräger Alcotest 6000, modular system Configured to customer's requirements. Consisting of measuring device Alcotest 6000, 3 mouthpieces, battery included, hand loop and safety instructions	3706320	355	1
Available options:			
• Bluetooth (for communication with Dräger Mobile Printer BT)			
• USB cable			

The calibration certificate can be downloaded from <https://www.draeger.com/productioncertificates>.

Alcohol Measuring Systems and Drug Detection Systems

Description	Order Code	Product Category	Packing unit
Alcotest 6000 Mouthpieces			
Mouthpieces "Standard" (slide'n'click) (100 pieces) each individually packed	6810690	955	1
Mouthpieces "Standard" (slide'n'click) (250 pieces) each individually packed	6810825	955	1
Mouthpieces "Standard" (slide'n'click) (1000 pieces) each individually packed	6810830	955	1
Mouthpieces "Standard" (slide'n'click) with non-return valve (100 pieces) each individually packed	6811055	955	1
Mouthpieces "Standard" (slide'n'click) with non-return valve (250 pieces) each individually packed	6811060	955	1
Mouthpieces "Standard" (slide'n'click) with non-return valve (1000 pieces) each individually packed	6811065	955	1
T-Mouthpiece (Funnel)	8322621	955	1
Alcotest 6000 Power Supply			
Lithium battery (CR123A) (one battery needed)	4543808	336	1
Alcotest 6000 Accessories			
Dräger Mobile Printer BT (Bluetooth) Consisting of printer, test paper, LI battery, USB-C cable, belt clip, safety instructions and notes on approval.	3700421	356	1
Communication cable for connecting the device with PC (USB-micro to USB-A cable, 1,8 m)	8327108	336	1
Storage bag S, L195mmxW134mmxH55mm For Alcotest and funnels			
	3714803	355	1
Storage bag M, L230mm x W195mm x H75mm For Alcotest, mouthpieces and mobile printers etc.			
	3714802	355	1
Protection & carrying bag Dräger Alcotest 6000, black			
	8324999	355	1
Protection & carrying bag Dräger Alcotest 6000, yellow			
	8327811	355	1

Alcohol Measuring Systems and Drug Detection Systems

Description	Order Code	Product Category	Packing unit
Transport Case A5000 - A7000, small with special designed insert for Alcotest device, battery and mouthpieces	8317920	356	1
Alcotest 6000/7000 transport case For Alcotest device, mouthpieces, hygienic flow funnels, Mobile Printer or Mobile Printer BT, etc.	3714779	356	1
Mouthpiece adapter left To adapt the mouthpiece from left side	8324955	395	1
Mouthpiece adapter right To adapt the mouthpiece from right side	8324954	395	1
Calibration Accessories			
Please have a look at the index for calibration accessories.			



Alcohol Measuring Systems and Drug Detection Systems

Description	Order Code	Product Category	Packing unit
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Alcohol Measuring Systems Alcotest® Screener Dräger Alcotest® 7000

The Dräger Alcotest 7000 sets new standards among Alcohol screening equipment. Its advantages are the extended temperature and measuring range, the low maintenance requirements and various networking possibilities. In addition, the breathalyzer can perform mouthpiece and funnel tests. So fast, efficient and reliable alcohol tests never have been. The integrated Bluetooth® Low Energy module offers you energy-saving, digital connectivity for the device and its data. For example, the wireless connection of the Alcotest 7000 to the Dräger Mobile Printer BT enables you to print out test results from a distance of up to 15 meters. Furthermore the Alcotest 7000 can be connected to the Dräger add App (add = Alcohol and Drug Documentation)



Dräger Alcotest® 7000

Dräger Alcotest 7000 Consisting of measuring device Alcotest 7000 with Bluetooth, lithium version, 3 mouthpieces, hand loop, USB-C cable, instruction for use (en, de), safety instructions, notes on approval, no GPS.	3700400	355	1
Dräger Alcotest 7000 Standard Alkaline Consisting of measuring device Alcotest 7000 with Bluetooth, alkaline batteries, 3 mouthpieces, hand loop, USB-C cable, instruction for use (en, de), safety instructions, notes on approval, no GPS.	3721591	355	1
Dräger Alcotest 7000, USA consisting of measuring device Alcotest 7000 with Bluetooth, lithium version, 3 mouthpieces, hand loop, USB-C cable, instruction for use (enUS, es), safety instructions, notes on approval.	3700397	355	1
Dräger Alcotest 7000, modular system configured to customer's requirements	3700398	355	1
Available options:			
• Lithium or Alkaline version			
• BT Module			
• GPS Module			
• USB Cable			
Alcotest 7000 Mouthpieces			
Mouthpieces "Standard" (slide'n'click) (100 pieces) each individually packed	6810690	955	1
Mouthpieces "Standard" (slide'n'click) (250 pieces) each individually packed	6810825	955	1
Mouthpieces "Standard" (slide'n'click) (1000 pieces) each individually packed	6810830	955	1

The calibration certificate can be downloaded from <https://www.draeger.com/productioncertificates>.

Alcohol Measuring Systems and Drug Detection Systems

Description	Order Code	Product Category	Packing unit
Mouthpieces "Standard" (slide'n'click) with non-return valve (100 pieces), each individually packed	6811055	955	1
Mouthpieces "Standard" (slide'n'click) with non-return valve (250 pieces), each individually packed	6811060	955	1
Mouthpieces "Standard" (slide'n'click) with non-return valve (1000 pieces), each individually packed	6811065	955	1
Hygienic flow funnel, A5000/7000 (10 pieces) each individually packed	8327718	955	1
Alcotest 7000 Power Supply			
Alkaline battery (Mignon, LR6, AA, 1.5 V) (three batteries needed) (only for alkaline version)	1335804	981	1
Rechargeable battery NiMH (AA, 1.2 V) (three batteries needed) (only for alkaline version, external charging necessary)	1890092	357	1
Lithium battery (AA, 1.5 V) (three batteries needed) (only for alkaline version)	3700481	395	1
Alcotest 7000 Power Supply Accessories			
Power supply 3.2 A, 5 V for fast charging lithium version via USB-C cable	3701090	356	1
USB-A 12V car charging adapter			
	3730475	356	1
Alcotest 7000 Accessories			
Communication cable for connecting the Dräger device with PC (USB-C to USB-A cable, 1m)	3700418	395	1
Dräger Mobile Printer BT (Bluetooth) Consisting of printer, test paper, LI battery, USB-C cable, belt clip, safety instructions and notes on approval.	3700421	356	1
Storage bag S, L195mmxW134mmxH55mm For Alcotest and funnels			
	3714803	355	1
Storage bag M, L230mm x W195mm x H75mm For Alcotest, mouthpieces and mobile printers etc.			
	3714802	355	1



Alcohol Measuring Systems and Drug Detection Systems

Description	Order Code	Product Category	Packing unit
Protection & carrying bag A7000 (yellow) Holster made from Cordura with belt loop			
	3714804	355	1
Pouch A7000 with mouthpiece bag yellow			
	3735175	355	1
Alcotest 6000/7000 transport case For Alcotest device, mouthpieces, hygienic flow funnels, Mobile Printer or Mobile Printer BT, etc.			
	3714779	356	1
Transport Case A5000 - A7000, small with special designed insert for Alcotest device, battery and mouthpieces			
	8317920	356	1
Calibration Accessories			
Please have a look at the index for calibration accessories.			



Alcohol Measuring Systems and Drug Detection Systems

Description	Order Code	Product Category	Packing unit
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Alcohol Measuring Systems Alcotest® Screener Dräger Alcotest® 7000 med

The Dräger Alcotest 7000 med is a special version of the new Dräger Alcotest 7000. It has been designed for diagnostic applications and in addition to the electrochemical DrägerSensor quality and proven reliability, the Dräger Alcotest 7000 med offers a variety of features that ease daily practices within the medical field. The Alcotest 7000 med is manufactured under a QM system in accordance with ISO 13485. Production is monitored by the Notified Body with the identification number 0483.



Dräger Alcotest® 7000 MED

Dräger Alcotest 7000 med Consisting of measuring device Alcotest 7000 med with Bluetooth, lithium version, 3 mouthpieces, hand loop, USB-C cable, instruction for use (en, de), safety instructions, notes on approval, power supply 3.2A 5V (3701090), no GPS.	3700399	355	1
Alcotest 7000 med Mouthpieces			
Mouthpiece Alcomed with valve for medical application (100 pieces), each individually packed	3705618	955	1
Alcotest 7000 med Power Supply Accessories			
Power supply 3.2 A, 5 V (Included in device part number 3700399) for fast charging lithium version via USB-C cable. NOTE: One piece included in delivery scope!	3701090	356	1

The calibration certificate can be downloaded from <https://www.draeger.com/productioncertificates>.

Alcohol Measuring Systems and Drug Detection Systems

Description	Order Code	Product Category	Packing unit
Alcotest 7000 med Accessories			
Communication cable for connecting the Dräger device with PC (USB-C to USB-A cable, 1m)	3700418	395	1
Dräger Mobile Printer BT (Bluetooth) Consisting of printer, test paper, LI battery, USB-C cable, belt clip, safety instructions and notes on approval.	3700421	356	1
Storage bag S, L195mmxW134mmxH55mm For Alcotest and funnels			
	3714803	355	1
Storage bag M, L230mm x W195mm x H75mm For Alcotest, mouthpieces and mobile printers etc.			
	3714802	355	1
Protection & carrying bag A7000 (yellow) Holster made from Cordura with belt loop			
	3714804	355	1
Alcotest 6000/7000 transport case For Alcotest device, mouthpieces, hygienic flow funnels, Mobile Printer or Mobile Printer BT, etc.			
	3714779	356	1
Transport Case A5000 - A7000, small with special designed insert for Alcotest device, battery and mouthpieces			
	8317920	356	1
Calibration Accessories			
Please have a look at the index for calibration accessories.			



Alcohol Measuring Systems and Drug Detection Systems

Description	Order Code	Product Category	Packing unit
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Alcohol Measuring Systems Alcotest® Evidential Dräger Alcotest® 7510

Innovative handheld breath alcohol measuring instrument. The compact and robust handheld breath alcohol measuring device is especially designed for exact testing and the evidential use by police as well as in commerce and industry. It can also be used for evidential testing purposes, subject to relevant local and market sector approvals. Completely tamperproof in design and using the latest technology, the system ensures fast, precise measurements. Offering comprehensive data management and a huge data memory, it can be easily adapted to meet different international regulations and guidelines.

Flexible in use and featuring an easy data transfer to a mobile printer or PC, this intuitive system can also be used with GPS and Li-Ion technology. The Alcotest 7510 is the first Handheld System with worldwide OIML R126 Approval.



Dräger Alcotest® 7510

Dräger Alcotest 7510 Consisting of: measuring device 7510 (mouthpiece positioning from the right), case, 3 mouthpieces, USB-cable, product-CD and Alkali-batteries. Standard configuration: mg/l, english.	8319760	362	1
Dräger Alcotest 7510, modular system Configured to customer's requirements (as 83 19 760) Available with a selection of modules (e.g. GPS, Li-Ion batteries and absolute pressure sensor).	8319700	362	1
The device can be ordered with following options:			
Rechargeable batteries NiMH (Mignon, AA)			
Li-Ion batteries			
GPS			
Absolute pressure sensor			
Car charger 600 mA			
Power supply unit (EU, US, AUS, UK) to reload the Accu NiMH or Li-Ion batteries			
Transport case (only for the Alcotest 7510 and accessories)			
System-case (for the Alcotest 7510 incl. accessories and Mobile Printer)			

Alcohol Measuring Systems and Drug Detection Systems

Description	Order Code	Product Category	Packing unit
Alcotest 7510 Mouthpieces			
Mouthpiece "Standard" w/o valve (Slide'n'click) (100 pieces) each individually packed	6810690	955	1
Mouthpiece "Standard" w/o valve (Slide'n'click) (250 pieces) each individually packed	6810825	955	1
Mouthpiece "Standard" w/o valve (Slide'n'click) (1000 pieces) each individually packed	6810830	955	1
Mouthpiece "Standard" w/ valve (Slide'n'click) (100 pieces) each individually packed	6811055	955	1
Mouthpiece "Standard" w/ valve (Slide'n'click) (250 pieces) each individually packed	6811060	955	1
Mouthpiece "Standard" w/ valve (Slide'n'click) (1000 pieces) each individually packed	6811065	955	1
Alcotest 7510 Printer			
Dräger Mobile Printer (silver front foil)	8319310	356	1
Dräger Mobile Printer (black front foil)	3704514	356	1
Dräger Mobile Printer modular system	8319340	356	1
Alcotest 7510 Power Supply			
Alkaline battery (Mignon, LR 6, AA) 4 batteries are necessary	1335804	981	1
Akku NiMH (Mignon, AA) 4 batteries are necessary	1890092	357	1
Car charger 600 mA charging NiMH batteries (18 900 92) + Li-Ion batteries inside the Alcotest 7510 using a direct connection to the 12 V DC supply of a motor vehicle	8320252	357	1
Power supply unit (current source)	8316991	357	1

Alcohol Measuring Systems and Drug Detection Systems

Description	Order Code	Product Category	Packing unit
Alcotest 7510 Bags			
<p>Dräger Alcotest 7510 Holster Set Consisting of: holster, belt clip, protective cover with velcro fastenings (e.g. to attach inside vehicles). The device can still be used whilst in the holster.</p>	8319761	362	1
<p>Dräger Alcotest 7510 Desktop Charging Cradle Consisting of: charging cradle base unit, charging cradle adapter and wall bracket. To charge the Dräger Alcotest 7510 with power supply unit (83 16 991) or car charger 600 mA (83 20 252).</p>	8319762	357	1
<p>Dräger Alcotest 7510 IR-Module Infrared Interface Adapter for use with the Dräger Alcotest 7510 Holster Set to enable data transfer. The adapter is connected to a PC using a USB-cable, thus minimising the need to frequently connect and disconnect the cable from the instrument.</p>	8319763	356	1
<p>Dräger Alcotest 7510 IR-Module and Holster Set Consisting of: Dräger Alcotest 7510 Holster and IR-Module (83 19 763). Use in conjunction with 83 19 762 for stationary use.</p>	8319764	356	1
<p>Dräger Alcotest 7510 Holster Mobile Upgrade Consisting of: belt clip, protective cover and velcro fastenings. Can be regarded as an upgrade to the Dräger Alcotest 7510 IRModule (83 19 764) or as a spare part kit to the Dräger Alcotest 7510 Holster Set (83 19 761).</p>	8319765	356	1
<p>Dräger Alcotest 7510 System Case With space to accommodate the Dräger Alcotest 7510 instrument, the Dräger Mobile Printer, mouthpieces, batteries, paper rolls, charging cable, USB-cable, keyboard, etc. (data entry and printing directly from the system case is applicable).</p>	8323890	980	1
<p>Dräger Alcotest Case 7510 With space to accommodate the Dräger Alcotest 7510 instrument, mouthpieces, batteries, paper rolls, charging cable, USB-cable.</p>	8319747	362	1



Alcohol Measuring Systems and Drug Detection Systems

Description	Order Code	Product Category	Packing unit
Alcotest 7510 Software			
"Dräger Diagnostics" Alcotest 7510	8319778	356	1
Alcotest 7510 Accessories			
PC communication cable with Mini-USB	8318657	336	1
Calibration Accessories			
Please have a look at the index for calibration accessories.			

Alcohol Measuring Systems and Drug Detection Systems

Description	Order Code	Product Category	Packing unit
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Alcohol Measuring Systems Alcotest® Evidential Dräger Alcotest® 8610

The Dräger Alcotest 8610 combines the preliminary and evidential test in a single product and thus sets a new standard. The core module in the system case is the Alcotest 7510*, a proven OIML-approved handheld breath alcohol measuring device.

The Dräger Mobile Printer and the data input and output elements round off the mains-independent system. This mobile "2 in 1" solution and the greatly simplified further processing of the data generated increase the efficiency of police operations. The measurement procedures can be adjusted via software to ensure compliance with country-specific laws.



Dräger Alcotest® 8610 Standard

Dräger Alcotest 8610 Standard case (NiMH) – without Dräger Alcotest 7510 Consisting of: Pelicase, Mobile Printer (NiMH), Keyboard This Alcotest 8610 Standard is designed to charge Alcotest 7510 with NiMH batteries only.	8323160	362	1
Notice: Please order the Dräger Alcotest 7510 and the power cord separately.			
Dräger Alcotest 8610 Standard case (Li-Ion) – without Dräger Alcotest 7510 Consisting of: Pelicase, Mobile Printer (NiMH), Keyboard This Alcotest 8610 Standard is designed to charge Alcotest 7510 with Li-Ion batteries only.	8325660	362	1
Notice: Please order the Dräger Alcotest 7510 and the power cord separately.			
Country specific version			1
The device can be ordered with following country specific options:			
Communication modul: Ethernet / Modem			
Card reader: e.g. Magnetcard, Smartcard			

Alcohol Measuring Systems and Drug Detection Systems

Description	Order Code	Product Category	Packing unit
Alcotest 8610 Power Supply Accessories			
Power Supply Unit (AC/DC) for charging the battery in the Alcotest 8610 case. Without country specific power cord. Please order power cord separately.	8322692	362	1
Power Cord (AC/DC EU)	8317791	362	1
Power Cord (AC/DC UK)	8317785	362	1
Power Cord (AC/DC AUS)	8317792	981	1
Power Cord (AC/DC Japan)	8317851	362	1
Power Cord (AC/DC US)	8317789	395	1
Car charger 600 mA for charging the battery in the Alcotest 8610 case with direct connection to the 12 V vehicle power supply.	8321425	981	1
Mini-Keyboard (PS/2) Alcotest 8610 Keyboard for the Dräger Alcotest 8610 case	3728087	356	1
Dräger Alcotest 7510 Accessories			
* see Alcotest 7510			
Dräger Mobile Printer			
* see Alcotest 7510			
Alcotest 8610 Mouthpieces			
* see Alcotest 7510			
Calibration Accessories			
Please have a look at the index for calibration Accessories.			

Alcohol Measuring Systems and Drug Detection Systems

Description	Order Code	Product Category	Packing unit
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Alcohol Measuring Systems Alcotest® Mouthpieces

The Alcotest mouthpieces in the standard, classic and funnel versions are specially developed for use with the breath alcohol measuring devices from Dräger. Due to their packaging and design, they allow an easy and hygienic handling at any times. With an integrated non-return valve, an even more hygienic application is possible. The new hygienic flow funnel with its intelligent airflow makes the passive test even more pleasant.



Dräger Alcotest 3820 / 4000
 Dräger Alcotest 5000
 Dräger Alcotest 5820 / 6000
 Dräger Alcotest 6820
 Dräger Alcotest 7000
 Dräger Alcotest 6820/7000 med
 Dräger Alcotest 7510
 Dräger Alcotest 7110/9510 Std. IR / IR+EC
 Dräger Alcotest 7110/9510 Evidential BT
 Dräger Interlock 7x00/5x00

Mouthpiece Alcotest Handheld

Mouthpieces A3820 / A4000 (5 pieces) each individually packed	•									8325250	955	1
T-Mouthpiece (Funnel) (10 pieces) each individually packed			•	•			•			8322621	955	1
Hygienic flow funnel (10 pieces) each individually packed		•				•				8327718	955	1
Mouthpiece "Standard" w/o valve (Slide'n'click) (10 pieces) each individually packed			•	•	•		•			6812287	955	1
Mouthpiece "Standard" w/o valve (Slide'n'click) (100 pieces) each individually packed			•	•	•		•			6810690	955	1
Mouthpiece "Standard" w/o valve (Slide'n'click) (250 pieces) each individually packed			•	•	•		•			6810825	955	1
Mouthpiece "Standard" w/o valve (Slide'n'click) (1000 pieces) each individually packed			•	•	•		•			6810830	955	1
Mouthpiece "Standard" w/o valve (Slide'n'click) (1000 pieces) each individually packed, single			•	•	•		•			3701176	955	1
Mouthpiece "Standard" w/valve (Slide'n'click) (100 pieces) each individually packed			•	•	•		•			6811055	955	1

Alcohol Measuring Systems and Drug Detection Systems

Description	Order Code	Product Category	Packing unit
	Dräger Alcotest 3820 / 4000		
	Dräger Alcotest 5000		
	Dräger Alcotest 5820 / 6000		
	Dräger Alcotest 6820		
	Dräger Alcotest 7000		
	Dräger Alcotest 6820/7000 med		
	Dräger Alcotest 7510		
	Dräger Alcotest 7110/9510 Std. IR / IR+EC		
	Dräger Alcotest 7110/9510 Evidential IAT		
	Dräger Interlock 7x00/5x00		
Mouthpiece "Standard" w/ valve (Slide'n'click) (250 pieces) each individually packed		6811060	955 1
Mouthpiece "Standard" w/ valve (Slide'n'click) (1000 pieces) each individually packed		6811065	955 1
Mouthpiece "Standard" w/ valve (Slide'n'click) (1000 pieces) each individually packed, single		3721308	955 1
Mouthpiece Alcomed w/ valve (100 pieces) each individually packed For use in medical applications with Dräger Alcotest Med devices		3705618	955 1

Mouthpiece Alcotest® Desktop

Mouthpiece "Classic" w/ valve (25 pieces) each individually packed		6805703	955 1
Mouthpiece "Classic" w/ valve (100 pieces) each individually packed 25 of these packages connected as a chain		6810611	955 1
Mouthpiece "Classic" w/ valve (250 pieces) each individually packed		6810610	955 1
Mouthpiece "Classic" w/o valve (25 pieces) each individually packed 25 of these packages connected as a chain		6805700	955 1
Mouthpiece classic BT w/ valve (25 pieces) each individually packed (only for instruments with breath temp. measurement)		6809501	955 1
Mouthpiece classic BT w/ valve (1000 pieces) each individually packed (only for instruments with breath temp. measurement)		6811515	955 1

Alcohol Measuring Systems and Drug Detection Systems

Description	Order Code	Product Category	Packing unit
Dräger Alcotest 3820 / 4000			
Dräger Alcotest 5000			
Dräger Alcotest 5820 / 6000			
Dräger Alcotest 6820			
Dräger Alcotest 7000			
Dräger Alcotest 6820/7000 med			
Dräger Alcotest 7510			
Dräger Alcotest 7110/9510 Std. IR / IR+EC			
Dräger Alcotest 7110/9510 Evidential IAT			
Dräger Interlock 7x00/5x00			

Mouthpiece for Interlock

Mouthpiece Dräger Interlock 7x00/5x00 (5 pieces) each individually packed										•	8326550	955	1
Mouthpiece Dräger Interlock 7x00/5x00 (50 pieces) each individually packed										•	8327627	955	1
Mouthpiece Dräger Interlock 7x00/5x00 (300 pieces) each individually packed										•	8322597	955	1

Alcohol Measuring Systems and Drug Detection Systems

Description	Order Code	Product Category	Packing unit
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Alcohol Measuring Systems Drug Detection Systems Alcotest® Screener and DrugTest 5000 Dräger Mobile Printer

The Dräger Mobile Printer prints breath alcohol and drug test measurement results without using a dedicated power supply.



Dräger Mobile Printer

Dräger Mobile Printer (silver front foil) The printer can work together with Alcotest 6820, Alcotest 6820 med, Alcotest 7000, Alcotest 7510 and DrugTest 5000.	8319310	356	1
Dräger Mobile Printer (black front foil) The printer can work together with Alcotest 6820, Alcotest 6820 med, Alcotest 7000, Alcotest 7510 and DrugTest 5000.	3704514	356	1
Dräger Mobile Printer, modular system The printer can work together with Alcotest 6820, Alcotest 6820 med, Alcotest 7000, Alcotest 7510 and DrugTest 5000.	8319340	356	1
Dräger Mobile Printer Power Supply			
Alkaline battery (1 piece) for Dräger Mobile Printer (4 needed)	1335804	981	1
Rechargeable NiMH battery (1 piece) for Dräger Mobile Printer (4 needed)	1890092	981	1
PC communication cable with Mini-USB	8318657	981	1
Power supply unit 110 V / 230 V (current source) charging NiMH batteries (1890092) inside the Mobile printer.	8316991	981	1
Car charger cable 12 V charging NiMH batteries (1890092) inside the Mobile printer.	8320252	981	1
12 V Car connecting cable for Dräger DrugTest 5000 Connection cable with plug for motor vehicle jack (cigarette lighter)	8312166	356	1

Alcohol Measuring Systems and Drug Detection Systems

Description	Order Code	Product Category	Packing unit
Dräger Mobile Printer paper			
Printer paper (thermal paper, 10 years) 5 rolls, 45 mm, suitable for storage up to 10 years*	8319002	356	1
Printer paper (thermal paper, 25 years) 5 rolls, 45 mm, suitable for storage up to 25 years*, with special mark	8318461	356	1

* If stored under conditions valid for office paper.

Alcohol Measuring Systems and Drug Detection Systems

Description	Order Code	Product Category	Packing unit
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Alcohol Measuring Systems Alcotest® Screener Dräger Mobile Printer BT

The Dräger Mobile Printer BT facilitates wireless printing from any compatible Dräger testing device within a 15 meters radius. You secure the small, lightweight mobile printer to your belt with a retaining clip. It is easy to operate, using only two buttons. Illuminated symbols provide you with information about the status of the device.



Dräger Mobile Printer BT

Dräger Mobile Printer BT (Bluetooth) Consisting of printer, test paper, LI battery, USB-C cable, belt clip, safety instructions and notes on approval. The printer can work together with the Alcotest 6000 and Alcotest 7000.	3700421	356	1
Dräger Mobile Printer BT paper			
Printer paper BT (thermal paper, 25 years) 5 rolls, 40 mm, suitable for storage up to 25 years*, with special marking	3700405	356	1
Printer paper BT (thermal paper, 10 years) 5 rolls, 40 mm, suitable for storage up to 10 years*,	3700406	356	1
Printer paper BT (thermal paper, 10 years, self-adhesive) 5 rolls, 40 mm, suitable for storage up to 10 years*, without backing paper	3700407	356	1
Printer paper BT (thermal paper, 10 years, self-adhesive, tamper proof) 1 roll, 40 mm, suitable for storage up to 10 years*, with backing paper, tears when trying to detach	3705617	356	1

* If stored under conditions valid for office paper.

Alcohol Measuring Systems and Drug Detection Systems

Description	Order Code	Product Category	Packing unit
Dräger Mobile Printer BT Accessories			
USB-C cable	3700418	395	1
Power supply 3.2A 5V USB-A	3701090	356	1
Storage bag M, L230mm x W195mm x H75mm For Alcotest, mouthpieces and mobile printers etc.			
	3714802	355	1
Sparepart Li-Battery for Mobile Printer BT	3701106	395	1



Alcohol Measuring Systems and Drug Detection Systems

Description	Order Code	Product Category	Packing unit
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Alcohol Measuring Systems Evidential Alcotest® Systems Dräger Alcotest® 9510

Evidential breath alcohol measuring instrument, featuring an ergonomic and robust design, suitable for mobile and stationary applications. It is equipped with an infrared-optical (IR) and optionally with an electrochemical (EC) sensor. It comprises a long, flexible and heated breath hose and a reliable thermal printer.

Operation and data entry is possible via the colour touch-screen display or an external USB keyboard. The instrument identifies residual mouth alcohol. Optional dry gas port for adjustment and calibration. Various communication and connection ports.

Power supply: 85 - 260 V AC, 50/ 60 HZ 12 V DC

Size: 325 MM X 250 MM X 185 (55) MM (B X D X H)

Weight: approx. 7 kg

Certified: according to OIML R126 (1998) and (2012)
according to various country / state specific regulations



Dräger Alcotest® 9510



Dräger Alcotest 9510 Standard IR comprising a Dräger Alcotest 9510 with standard configuration, infrared-optical sensor, handle, dry gas port, cover hood, 25 mouthpieces and printer paper (5 rolls, 7 years).	8319460	351	1
Dräger Alcotest 9510 Standard IR + EC as Dräger Alcotest 9510 Standard IR, but additionally equipped with an electrochemical sensor system ("Dual Sensor Technology").	8319470	351	1

Order Note: A variety of other country specific versions are available on request.

Alcotest 9510 Mouthpieces

Mouthpiece "Classic" w/ valve (25 pieces) each individually packed 25 of these packages connected as a chain	6805703	955	1
Mouthpiece "Classic" w/ valve (100 pieces) each individually packed 25 of these packages connected as a chain	6810611	955	1
Mouthpiece "Classic" w/ valve (250 pieces) each individually packed 25 of these packages connected as a chain	6810610	955	1

Alcohol Measuring Systems and Drug Detection Systems

Description	Order Code	Product Category	Packing unit
Mouthpiece "Classic" w/o valve (25 pieces) each individually packed 25 of these packages connected as a chain	6805700	955	1
Mouthpiece classic BT w/ valve (25 pieces) each individually packed (only for instruments with breath temp. measurement)	6809501	955	1
Mouthpiece classic BT w/ valve (1000 pieces) each individually packed (only for instruments with breath temp. measurement)	6811515	955	1
Please have a look into the index for further mouthpieces			
Alcotest 9510 Printer Paper			
Printer Paper (Thermal paper, 25 years) 5 rolls, suitable for storage up to 25 years *, with special mark	8318461	356	1
Printer Paper (Thermal paper, 10 years) 5 rolls, suitable for storage up to 10 years *	8319002	356	1
Printer Paper rolls (Dräger Alcotest 7110) 5 rolls	8315585	356	1
Cartridge with ribbon for printer (Dräger Alcotest 7110)	8100284	356	1
Alcotest 9510 Carrying Options			
Carrying Case Dräger Alcotest 9510 Robust case for transport of the Dräger Alcotest 9510, i.e. in case of periodic calibration. With extra compartments for accessories like power cable, keyboard, mouthpieces, printer paper etc.	8325335	351	1
Carrying Bag Dräger Alcotest 9510 For transport of the Dräger Alcotest 9510, with extra pouch for accessories like an USB-Keyboard, mouthpieces and 12 V-cable and/or power cable	8319155	351	1
Alcotest 9510 Keyboards			
Keyboard – mini – QWERTY (USB) Dräger Alcotest 9510, English layout	8319441	356	1
Keyboard – mini – QWERTZ (USB) Dräger Alcotest 9510, German layout	8323896	351	1
Keyboard – mini – AZERTY (USB) Dräger Alcotest 9510, French layout	8325657	356	1

Alcohol Measuring Systems and Drug Detection Systems

Description	Order Code	Product Category	Packing unit
Alcotest 9510 Power Supply			
For mains power supply. Certified for use with Dräger Alcotest 9510			
Power cable Dräger Alcotest 9510 (Plug Type F, EU)	8324658	351	1
Power Supply Cord US, 3-wire	8318336	546	1
Power Supply Cord UK, 3-wire	8318337	546	1
Power Supply Cord AUS, 3-wire	8318338	546	1
Alcotest 9510 Software			
"Dräger Diagnostics" Alcotest 9510	on request	356	1
Alcotest 9510 Vehicle Accessories			
Vehicle Mounting Rack Mounting rack for Dräger Alcotest 9510 e.g. in a motor vehicle (for mounting, the Dräger Alcotest 9510 has to be equipped with 4 mounting connectors 83 18 494)	8318428	356	1
Mounting Connector Mounting connectors to be assembled at the bottom of the Dräger Alcotest 9510. Allows a reversible fixation of the Dräger Alcotest 9510 on the vehicle mounting rack. The mounting connectors do not disturb the normal handling of the Dräger Alcotest 9510. (4 connectors required for 1 instrument)	8318494	395	1
12 V DC-Connecting Cable For Dräger Alcotest 9510/7110 (IR, IR+EC) For cigarette lighter connector (2 m)	8312641	356	1
12 V DC connection cable for Dräger Alcotest 9510 DE / 7110 MKIII Evidential	8315103	356	1

Alcohol Measuring Systems and Drug Detection Systems

Description	Order Code	Product Category	Packing unit
Alcotest 9510 Accessories			
Stylus For the touch-screen display (set of 3)	8318402	395	1
Display protection foil Dräger Alcotest 9510 (set of 3)	8320999	351	1
RS-232 cable For connecting the Dräger Alcotest 9510 with peripheral equipment (null modem cable)	on request	351	1
Carrier Handle Dräger Alcotest 9510 Handle, which can be optionally mounted to the Dräger Alcotest 9510. Enables easy carrying of the Dräger Alcotest 9510	8318455	351	1
Cover Hood Dräger Alcotest 9510 For dust and mechanical protection of the display e.g. during transport	8318479	351	1
Cable Channel Dräger Alcotest 9510 To protect the cables (power cable, connection cable etc.) connected	8318489	351	1
Calibration Accessories			
Please have a look at the index for calibration accessories.			

* If stored under conditions valid for office paper.

Alcohol Measuring Systems and Drug Detection Systems

Description	Order Code	Product Category	Packing unit
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Breath alcohol controlled vehicle immobilizer Dräger Interlock® 7500

The Dräger Interlock 7500 is an alcohol ignition device. After a breath alcohol measurement it prevents a drunk driver from starting the vehicle. The Interlock 7500 is very quickly ready to use. Additionally, the device can be equipped with a camera where required by legislation and /or a mobile data transmission module, according to the specific customer requirements.



Dräger Interlock® 7500

Dräger Interlock 7500 consisting of handset, control box 12 – 24 V, curly cord, shrink tubes, 3 mouthpieces, instructions for use, instructions for installation	3716814	354	1
Interlock 7500/7000/5000 Mouthpieces			
Mouthpiece Interlock 7500/7000/5000 5 pieces, each individually packed	8326550	955	1
Mouthpiece Interlock 7500/7000/5000 50 pieces, each individually packed	8327627	955	1
Mouthpiece Interlock 7500/7000/5000 300 pieces, each individually packed	8322597	955	1

Alcohol Measuring Systems and Drug Detection Systems

Description	Order Code	Product Category	Packing unit
Dräger Interlock 7500			
Handset Interlock 7500 Measuring unit of the Dräger Interlock 7500	3711970	354	1
Control box Interlock Control unit, to be installed in the vehicle, 12 – 24 V	8322411	354	1
Control Box DVI Interlock	3705285	354	1
Curly cord Interlock Length: 1 m + 45 cm helix	8315909	354	1
Curly Cord Interlock Length: 2.5 m + 45 cm helix	3732697	354	1
Curly cord Interlock Length: 5.5 m + 45 cm helix	8320248	354	1
Holder I, "Clip" Interlock 7500/7000/5000 Holder I for handset Interlock 7500/7000/5000	8322497	354	1
Handset holder IL 7500	3724354	354	1
Calibration Accessories			

Please have a look at the index for calibration accessories.

Alcohol Measuring Systems and Drug Detection Systems

Description	IVD / Standard	Order Code	Product Category	Packing unit
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Drug Detection Systems Dräger DrugTest 5000

The Dräger DrugTest 5000 system is a detection device for drugs of abuse in oral fluid samples. It is intended for forensic applications, use by lay persons and for workplace use as well as medical applications. Observe local and national regulations for any of the described intended uses. The system comprises the Dräger DrugTest 5000 Analyzer and the Dräger DrugTest 5000 Test-Kits.

The measurement is based upon an optical evaluation of the immunochemical test strips contained in the Test-Kit. The system is an easy and quick test procedure for detecting up to 8 substance classes: cannabis, amphetamines, methamphetamines, cocaine, opiates, benzodiazepines, methadone and ketamine. Test results are displayed immediately after finishing the analysis and can be stored in the analyzer, printed with the Dräger Mobile Printer or transferred to a PC via the integrated USB interface.

The system is suited for stationary as well as for mobile use.

Always order the Dräger DrugTest 5000 products according to their intended use using the related part numbers IVD / Standard.



Dräger DrugTest 5000

Analyzer incl. Power Supply (8315675) and 12 V car cable (8312166)	IVD	8319900	357	1
Analyzer incl. Power Supply (8315675)	Standard	8323605	357	1
Analyzer Blank incl. Power Supply (8315675) Not configurable, language: EN, no user/donor data entry	Standard	8327900	357	1

Alcohol Measuring Systems and Drug Detection Systems

Description	IVD / Standard	Order Code	Product Category	Packing unit
20 Test-Kits each				
Dräger DrugTest 5000 Test-Kits*				
Test-Kits for 8 Substances** COC, OPI, BZO, THC, AMP, MET, MTD, KET COC, OPI, BZO, THC, AMP, MET, MTD, KET	IVD	8323646	369	1
	Standard	3706092	369	1
Test-Kits for 7 Substances** COC, OPI, BZO, THC, AMP, MET, MTD COC, OPI, BZO, THC, AMP, MET, MTD	IVD	8323156	369	1
	Standard	8323636	369	1
Test-Kits for 6 Substances** COC, OPI, BZO, THC, AMP, MET COC, OPI, BZO, THC, AMP, MET	IVD	8319830	369	1
	Standard	8319965	369	1
Test-Kits for 5 Substances** COC, OPI, THC, AMP, MET COC, OPI, THC, AMP, MET	IVD	8323439	369	1
	Standard	8321350	369	1
Test-Kits for Training (6 Test-Kits each) Training Test-Kit (3 x Positive; 3 x Negative)		8323640	357	1

* There are two different part numbers available for each the Dräger DrugTest 5000 Analyzer and the Dräger Drug Test 5000 Test Kits according to their intended use and existing approval in the according country:

- IVD Sales only as in-vitro-diagnostic device.

Listing after 98/79/EC medical device directive for EU countries and contractual economic partner states of the European Union.

- Standard Sales for forensic applications, use by lay persons and for workplace use.

No sales allowed into markets that require approval and listing as medical product as above.

** The following substances / substance classes can be detected with the Dräger DrugTest 5000 system:

Substance abbreviation	Name
AMP	Amphetamine
BZO	Benzodiazepines
MET	Methamphetamines
COC	Cocaine
MTD	Methadone
THC	Cannabis
OPI	Opiates
KET	Ketamine

Alcohol Measuring Systems and Drug Detection Systems

Description	Order Code	Product Category	Packing unit
Dräger DrugTest 5000 & Dräger DrugCheck 3000 Accessories			
Dräger SSK 5000 surface screening kit Box incl. 20 collectors	8320490	357	1
Dräger DCD 5000 oral fluid collector for laboratory analysis Box incl. 20 collectors for subsequent sampling	8319910	357	1
Dräger SCK Saliva Confirmation Kit for laboratory analysis Set for subsequent sampling with 2 x DCD 5000, 2 x viol with Isopropanol, 2 x security seal, 1 x postage bag, chain of custody form, Instructions for use	8323880	357	1
Dräger SCSK Saliva Confirmation Single Kit for laboratory analysis Set for subsequent sampling with 10 x foil pouch with each 1 x DCD 5000, 1 x viol with Isopropanol, Instructions for use	8326300	357	1
Dräger DCH 5000 oral fluid collector for laboratory analysis Box incl. 20 x collectors and 20 x security seals for simultaneous sampling using Dräger DrugTest 5000 Test-Kits	8324398	357	1
Dräger DCH 5000 THC-Set oral fluid collector for laboratory analysis Box incl. 20 x collectors, 20 x viol with Isopropanol and 20 x security seals for simultaneous sampling using Dräger DrugTest 5000 Test-Kits	8324077	357	1
Diagnostics carrying bag Textile transport bag for the DrugTest 5000 Analyzer, Mobile Printer, Keyboard, 10 DrugTest 5000 Test-Kits, as well as Dräger Alcotest 6810 incl. mouthpieces	8322675	357	1
Transport case Plastic carrying hard case for safe transport of the DrugTest 5000 Analyzer, Mobile Printer, Keyboard, 2 DrugTest 5000 Test-Kits and power supply incl. protective padding	8325333	357	1
Keyboard "compact" QWERTZ German	8315095	356	1
Keyboard – mini – QWERTY (USB) English, to use with DrugTest 5000 Analyzer order USB to PS/2 converter (3703624)	8319441	356	1
Keyboard "compact" AZERTY French	8315142	356	1
USB to PS/2 converter to use with the Keyboard – mini – QWERTY (8319441)	3703624	357	1
USB Cable (Typ AB) 1.8 m for connecting with a PC	8318469	356	1
Dräger DrugTest 5000 Printer			
Dräger Mobile Printer (silver front foil)	8319310	356	1
Dräger Mobile Printer (black front foil)	3704514	356	1

Special version from modular system

Alcohol Measuring Systems and Drug Detection Systems

Description	Order Code	Product Category	Packing unit
Printer paper (thermal paper, 10 years) 5 rolls, 45 mm, suitable for storage up to 10 years*	8319002	356	1
Printer paper (thermal paper, 25 years) 5 rolls, 45 mm, suitable for storage up to 25 years*,	8318461	356	1
* If stored under conditions valid for office paper.			
Dräger DrugTest 5000 Power Units			
Power supply unit	8315675	336	1
12 V Car cable Connecting cable from a car socket/cigarette lighter to Dräger DrugTest 5000 Analyzer	8312166	356	1
Alkaline battery (1 piece) for Dräger Mobile Printer (4 needed)	1335804	981	1
Rechargeable NiMH battery (1 piece) for Dräger Mobile Printer (4 needed)	1890092	981	1
Dräger DrugTest 5000 Software			
To manage and download the test data of the Dräger DrugTest 5000 analyzer for PC/Laptop			
"Dräger Diagnostics" DrugTest 5000	on request	356	1

Alcohol Measuring Systems and Drug Detection Systems

Description	Order Code	Product Category	Packing unit
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Drug Detection Systems Dräger DrugCheck 3000

Use the Dräger DrugCheck 3000 to find out within minutes if a person recently consumed drugs. The compact and quick oral fluid based drugtest yields reliable results hygienically and easily. The device does not require electricity and can be used anywhere.

The Dräger DrugCheck 3000 consists of two components: an absorbent collector for obtaining an oral fluid sample, and a test cassette for the analysis. The test cassette contains the buffer liquid and a window with two test strips, which display the control and test lines. The test is performed in three easy steps. Check individuals for 7 different substance classes and up to 6 substance classes simultaneously: cocaine, opiates, amphetamine, methamphetamines (designer drugs: e.g. Ecstasy), benzodiazepines, oxycodone and cannabis (THC: Two different measurement options: fast and sensitive)

The Dräger DrugCheck 3000 is intended for forensic applications, use by lay persons and for workplace use. Observe local and national regulations for any of the described intended uses.



20 Test-Kits each

Dräger DrugCheck 3000			
Test-Kits for 2 Substances* THC, MET	3704930	323	1
Test-Kits for 3 Substances* COC, THC, MET	3728700	323	1
Test-Kits for 5 Substances* COC, OPI, THC, AMP, MET	8325580	323	1
Test-Kits for 6 Substances* COC, OPI, THC, AMP, MET, BZO	8327960	323	1
Test-Kits OXY for 6 Substances* COC, OPI, THC, AMP, MET, OXY	3711990	323	1

* The following substances / substance classes can be detected with the Dräger DrugCheck 3000 system:

Substance abbreviation	Name
COC	Cocaine
OPI	Opiates
THC	Cannabis
BZO	Benzodiazepines
AMP	Amphetamine
MET	Methamphetamines
OXY	Oxycodone

Alcohol Measuring Systems and Drug Detection Systems

Description	Order Code	Product Category	Packing unit
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Digital Solutions Dräger add

Dräger add is a Software as a Service (SaaS) that supports documentation of the Alcohol 7000 and DrugCheck 3000 test results. Data is collected and transferred via smartphone app to the web application where the data is gathered per organization and can be used for recording tracking and statistical analysis by the customer authorized users.



Dräger add

Dräger add - Alcotest base SaaS Annual subscription with auto-renewal including 5 Alcotest devices	3724748	922	1
Dräger add - Alcotest 5 additional devices Annual subscription with auto-renewal for 5 Alcotest devices; base SaaS required	3724749	922	1
Dräger add - Alcotest One year subscription without renewal for 1 Alcotest device	3716469	922	1
Dräger add - DrugCheck base SaaS Annual subscription with auto-renewal including 100 DrugCheck tests	3733580	922	1
Dräger add - DrugCheck 100 additional tests Annual subscription with auto-renewal for 100 DrugCheck tests; base SaaS required	3733581	922	1
Dräger add - Customising Customisation on alcohol and/or drug test workflows, printouts, or PDF; app feature only	3739002	922	1

Alcohol Measuring Systems and Drug Detection Systems

Description	Order Code	Product Category	Packing unit
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Digital Solutions Dräger Alcotest Go

Dräger Alcotest Go is solution for alcohol compliance monitoring. The combination of the Dräger Alcotest 4000 Go, the Dräger Alcotest Go app and Dräger SafeTrack enables the customer to document, evaluate and store alcohol measurement results at a centralized location and in compliance with local regulations.



Dräger Alcotest Go

Dräger Alcotest 4000 Go Consisting of measuring device Alcotest 4000, languages: en, jp. Microfiber bag (black), 3 mouthpieces, battery included, short instruction for use, safety instructions and instruction for use in our storage bag S. Please note that this A4000 version can only be used in conjunction with the SafeTrack App.	3727345	355	1
Dräger SafeTrack - Alcotest Go setup One-time fee for initial customer setup	3728204	922	1
Dräger SafeTrack - Alcotest Go SaaS Annual subscription with auto-renewal for 1 Alcotest Go user	3728205	922	1

Alcohol Measuring Systems and Drug Detection Systems

Description	Order Code	Product Category	Packing unit
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Alcohol Measuring Systems Calibration Accessories

	Alcotest 3820/4000	Alcotest 5510/6510	Alcotest 5820/6000	Alcotest 6810/6820/7000 (med)	Alcotest 7510	Alcotest 7110 Stand. IR / IR+EC	Alcotest 9510 Stand. IR / IR+EC	Alcotest 7110 Evidential	Alcotest 9510 Evidential	Interlock 7500/7000/5000	DrugTest 5000			
Dräger X-cal 2000 Dräger X-cal 2000 breath alcohol simulator is used to calibrate various breath alcohol testers. The simulator generates breath flow to provide a precise calibration standard. To accurately simulate human breath, the temperature of the water-alcohol solution used in the solution container is maintained at 34°C exact.	•	•	•	•	•	•	•	•	•	•		8326000	954	1

Wet Bath Calibration

Ethanol standard solution 1 ‰ (500 ml) For wet bath calibration to 1 ‰ or 0.1 % BAC or 0.476 mg/l BrAC (US Convention)	•	•	•	•	•	•	•			•		6728838	954	1
Ethanol standard solution 0.40 mg/l (5.5 L container) Certified Standard Solution (LNE-France)	•	•	•	•	•	•	•	•	•	•		3603386	954	1

Dry Gas Calibration

Test gas cylinder 260.5 ppm Ethanol, 34 l One-way cylinder, 34 l Gas, 260.5 ppm Ethanol, 34.5 bar, 74 mm x 283 mm, 0.44 kg. For calibration to 0.48 mg/l BrAC or 1 ‰ resp. 0.1 % BAC	•	•	•	•	•	•	•	•	•			6810920	954	1
Test gas cylinder 260.5 ppm Ethanol, 105 l One-way cylinder, 105 l Gas, 260.5 ppm Ethanol, 69 bar, 83 mm x 346 mm, 1.4 kg. For calibration to 0.48 mg/l BrAC or 1 ‰ resp. 0.1 % BAC	•	•	•	•	•	•	•	•	•			6810695	954	1
Test gas cylinder 150 ppm Ethanol, 34 l One-way cylinder, 34 l Gas, 150 ppm Ethanol, 35 bar, 76 x 289 mm, 0.5 kg. For calibration to 0.27 mg/l BrAC or 0.57 ‰ resp. 0.057 % BAC	•	•	•	•	•	•	•	•	•			6814192	954	1

Alcohol Measuring Systems and Drug Detection Systems

Description	Alcotest 3820/4000	Alcotest 5510/6510	Alcotest 5820/6000	Alcotest 6810/6820/7000 (med)	Alcotest 7510	Alcotest 7110 Stand. IR / IR+EC	Alcotest 9510 Stand. IR / IR+EC	Alcotest 7110 Evidential	Alcotest 9510 Evidential	Interlock 7500/7000/5000	DrugTest 5000	Order Code	Product Category	Packing unit
Test gas cylinder 150 ppm Ethanol, 58 l One-way cylinder, 58 l Gas, 150 ppm Ethanol, 35 bar, 89 x 362 mm, 0.75 kg. For calibration to 0.27 mg/l BrAC or 0.57 ‰ resp. 0.057 % BAC	•	•	•	•	•	•	•	•	•	•		6814191	954	1
Test gas cylinder 150 ppm Ethanol, 103 l One-way cylinder, 103 l Gas, 150 ppm Ethanol, 70 bar, 83 x 356 mm, 1.5 kg. For calibration to 0.27 mg/l BrAC or 0.57 ‰ resp. 0.57 % BAC	•	•	•	•	•	•	•	•	•	•		6814193	954	1
Pressure regulator Usable for dry gas calibration with one-way test gas bottles. With trigger valve.	•	•	•	•	•	•	•	•	•	•		6810693	954	1
Puncher Tool for Gas Cylinders Usable for devaluation of 2AL, 8AL, 10AL Cylinders	•	•	•	•	•	•	•	•	•	•		6811182	953	1

Further Calibration accessories

Calibration set for Dräger Alcotest consisting of 1 x mouthpiece adapter, 1 x calibration adapter, 0.5 m hose	•	•	•	•	•	•	•	•	•			8317927	954	1
Water trap alcotest devices (100 pcs.) necessary for wet/dry gas calibration	•	•	•	•	•	•	•	•	•			6805473	954	1
Calibration adapter Interlock 5000/7000/7500									•			8325320	954	1
Mini Service holder Interlock 5000/7000/7500 Basic Set without Infrared dongle									•			8325680	954	1
USB-DIRA with USB-Kabel									•			8317409	332	1

Personal Protection Technology

Half Masks

Filtering Face Pieces

Dräger X-plore 1300	248
Dräger X-plore 1300 NIOSH	250
Dräger X-plore 1700	251
Dräger X-plore 1700 NIOSH	253
Dräger X-plore 1900	254
Dräger X-plore 1900 NIOSH	256

Half Masks – Singlefilter

Dräger X-plore 4740	257
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Half Masks – Twinfilter

Dräger X-plore 3300/3500	258
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Dräger Fit-Testing

Dräger Fit-Testing	261
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Personal Protection Technology

Half Masks

Description	Order Code	Product Category	Packing unit
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Particle Filtering Face Pieces Dräger X-plore® 1300

Dräger X-plore® 1300 particle filtering face pieces offer effective protection against fine dust as well as solid and liquid particles in applications with exposure to dust. The face pieces are used in various applications in industry, mining, agriculture and specialized trades and services. The face pieces combine proven respiratory protection with intelligent new ideas, ensuring maximum comfort, ease of use, and high end-user acceptance.

The high performance CoolSAFE™ filter material offers a highly efficient filtering performance while maintaining low breathing resistance. Additionally, it meets the requirements of the dolomite dust test against clogging under high levels of dust exposure.

Versions with the CoolMAX™ exhalation valve keep breathing cool and easy, ensuring a comfortable breathing climate. The VarioFLEX™ head harness with EasyStop is simple to don/doff and adjust, and sits perfect, pressure-free. The colour coded nose clip and exhalation valve ensures easy recognition of the three EN protection levels: FFP1 (dark-blue), FFP2 (light-blue) and FFP3 (white).

Protection levels and approval in accordance with EN 149:2001+A1:2009.



Dräger X-plore® 1310 FFP1

Protection against solid and liquid particles.



Dräger X-plore 1310 FFP1 NR D	3951211	471	20
Dräger X-plore 1310 V FFP1 NR D with CoolMAX™ exhalation valve	3951212	471	10

Dräger X-plore® 1320 FFP2

Protection against solid and liquid particles.



Dräger X-plore 1320 FFP2 NR D	3951213	471	20
Dräger X-plore 1320 V FFP2 NR D with CoolMAX™ exhalation valve and adjustable length of strap	3951214	471	10

Personal Protection Technology

Half Masks

Description	Order Code	Product Category	Packing unit
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Dräger X-plore® 1330 FFP3

Protection against solid and liquid particles. Available in two sizes.



Dräger X-plore 1330 V FFP3 NR D, size S/M with CoolMAX™ exhalation valve	3951216	471	5
Dräger X-plore 1330 V FFP3 NR D, size M/L with CoolMAX™ exhalation valve	3951217	471	5

Dräger X-plore® 1300 Odour

Filtering face piece against nuisance odours below workplace limit values. Protection against solid and liquid particles.



Dräger X-plore 1320 V Odour FFP2 NR D with CoolMAX™ exhalation valve	3951215	471	10
Dräger X-plore 1330 V Odour FFP3 NR D with CoolMAX™ exhalation valve	3951218	471	5

Personal Protection Technology

Half Masks

Description	Order Code	Product Category	Packing unit
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Particle Filtering Face Pieces Dräger X-plore® 1300 NIOSH

Filtering face pieces provide protection against solid and liquid particles or particulate aerosols. In addition the odor versions filter out nuisance odors below PEL levels.

Dräger X-plore® 1300 filtering face pieces provide solutions for a wide range of applications in industry and trade. The combination of advanced filtering media and ergonomic design brings the user high comfort, safety and ease of use.

Versions with CoolMAX™ exhalation valve make breathing easier and remove warm exhaled air from inside the mask. Approved according to NIOSH 42 CFR part 84.



Dräger X-plore® 1350 N95

Protection with at least 95% efficiency against solid and liquid particles or particulate aerosols that do not contain oil. According to NIOSH 42 CFR part 84. Available in various sizes.



Dräger X-plore 1350 N95, XS	3951351	471	20
Dräger X-plore 1350 N95, S/M	3951352	471	20
Dräger X-plore 1350 N95, M/L	3951353	471	20
Dräger X-plore 1350 N95 V, S/M with CoolMAX™ exhalation valve	3951355	471	10
Dräger X-plore 1350 N95 V, M/L with CoolMAX™ exhalation valve	3951356	471	10

Dräger X-plore® 1350 N95 ODOR

Filtering face piece against nuisance odors of organic vapors below PEL levels. Protection with at least 95% efficiency against solid and liquid particles or particulate aerosols that do not contain oil.

According to NIOSH 42 CFR part 84. Available in two sizes.



Dräger X-plore 1350 N95 V Odor, S/M with CoolMAX™ exhalation valve	3951358	471	10
Dräger X-plore 1350 N95 V Odor, M/L with CoolMAX™ exhalation valve	3951359	471	10

Personal Protection Technology

Half Masks

Description	Order Code	Product Category	Packing unit
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Particle Filtering Face Pieces Dräger X-plore® 1700

Particle filtering face pieces for effective protection against fine dust and solid and liquid particles for use in applications with exposure to dusts, e.g. in industry, mining, agriculture, specialized trades and services.

The multi-layer CoolSAFE™ filter material has an extremely high filtering performance while maintaining a low breathing resistance. It additionally meets the requirements of the dolomite dust test against clogging under high exposure to dust.

The light-weight, user-friendly mask with easy handling and a high degree of wearing comfort. Versions with CoolMAX™ valve keep breathing easy and cool, ensuring the humid and warm air is directed out of the mask and the climate in the mask remains cool and comfortable. The VarioFLEX™ head harness is simple to don and doff, and sits without pressure.

Colour coding for simple differentiation of the EN protection levels: FFP1 (dark-blue), FFP2 (light-blue), FFP3 (white). Hygienic, individual packaging protects against contamination and provides hygienic respiratory protection. The flat-folded design keeps them easy to take along.

Protection levels and approval in accordance with EN 149:2001+A1:2009.



Dräger X-plore® 1710 FFP1

Protection against solid and liquid particles.



Dräger X-plore 1710 FFP1 NR D	3951080	471	20
Dräger X-plore 1710 V FFP1 NR D with CoolMAX™ exhalation valve	3951081	471	10

Dräger X-plore® 1720 FFP2

Protection against solid and liquid particles.



Dräger X-plore 1720 FFP2 NR D	3951083	471	20
Dräger X-plore 1720 V FFP2 NR D with CoolMAX™ exhalation valve	3951084	471	10
Dräger X-plore 1720+ V FFP2 NR D with CoolMAX™ exhalation valve and adjustable length of strap	3951384	471	10

Personal Protection Technology

Half Masks

Description	Order Code	Product Category	Packing unit
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Dräger X-plore® 1730 FFP3

Protection against solid and liquid particles.



Dräger X-plore 1730 FFP3 NR D	3951086	471	20
Dräger X-plore 1730 V FFP3 NR D with CoolMAX™ exhalation valve	3951088	471	10
Dräger X-plore 1730+ V FFP3 NR D with CoolMAX™ exhalation valve and adjustable length of strap	3951388	471	10

Dräger X-plore® 1700 Odour

Particle filtering face piece with an additional activated carbon layer against nuisance odours below the workplace limit value.
Protection against solid and liquid particles.



Dräger X-plore 1720 V Odour FFP2 NR D with CoolMAX™ exhalation valve	3951085	471	10
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Personal Protection Technology

Half Masks

Description	Order Code	Product Category	Packing unit
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Particle Filtering Face Pieces Dräger X-plore® 1700 NIOSH

Particle filtering face pieces for effective protection against fine dust and solid and liquid particles for use in applications with exposure to dusts, e.g. in industry, mining, agriculture, specialized trades and services.

The multi-layer CoolSAFE™ filter material has a high filtering performance while maintaining a low breathing resistance. The light-weight, user-friendly mask with easy handling and a high degree of wearing comfort. Versions with CoolMAX™ valve keep breathing easy and cool, ensuring the humid and warm air is directed out of the mask and the climate in the mask remains cool and comfortable.

The VarioFLEX™ head harness is simple to don and doff, and sits without pressure. Hygienic, individual packaging protects against contamination and provides hygienic respiratory protection. The flat-folded design makes them easy to take along.

Protection classes N95 and R95. Approval in accordance with NIOSH 42 CFR part 84.



Dräger X-plore® 1750 N95

Protection with at least 95% efficiency against solid and liquid particles or particulate aerosols that do not contain oil. According to NIOSH 42 CFR part 84.



Dräger X-plore 1750 N95	3951329	471	20
Dräger X-plore 1750 N95 V with CoolMAX™ exhalation valve	3951335	471	15

Dräger X-plore® 1760 R95 V

Protection with at least 95% efficiency against solid and liquid particles or particulate aerosols (resistant to oil). According to NIOSH 42 CFR part 84.



Dräger X-plore 1760 R95 V with CoolMAX™ exhalation valve	3951326	471	15
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Personal Protection Technology

Half Masks

Description	Order Code	Product Category	Packing unit
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Particle Filtering Face Pieces Dräger X-plore® 1900

Dräger X-plore® 1900 is a high-performance, single-use dust mask for protection against fine dust and particles. The premium particle filtering mask is available in two sizes, combining ease of use, exceptional comfort and optimal fit.

Thanks to the latest generation of CoolSAFE™ filter materials, breathing resistance is hardly noticeable. The optional models fitted with a CoolMAX™ exhalation valve keep breathing cool and easy. The flexible, continuous looped VarioFLEX™ head straps make it easy to put on. The SmartFOLD™ design with patented double reinforcement makes the mask shape highly stable and provides a generous breathing space.

The mask is available in two sizes (S and M/L). This makes it suitable for many different face shapes and sizes, so each wearer can choose the right size for an optimal fit. And the three-part folding design offers high flexibility in terms of fit. The masks are also fully compatible with protective eyewear. Spectacles wearers can wear it comfortably without the mask or glasses getting in each other's way and without the spectacles fogging up.

All three EN protection classes are easily recognizable through their color coding: FFP1 = yellow, FFP2 = orange, FFP3 = red. Approval: EN 149:2001+A1:2009.



Dräger X-plore® 1910 FFP1

Protection against solid and liquid particles. Available in two sizes.



Dräger X-plore 1910 FFP1 NR D, size M/L	3951910	471	20
Dräger X-plore 1910 FFP1 NR D, size S	3951911	471	20
Dräger X-plore 1910 V FFP1 NR D, size M/L with CoolMAX™ exhalation valve	3951915	471	10
Dräger X-plore 1910 V FFP1 NR D, size S with CoolMAX™ exhalation valve	3951916	471	10

Personal Protection Technology

Half Masks

Description	Order Code	Product Category	Packing unit
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Dräger X-plore® 1920 FFP2

Protection against solid and liquid particles.
Available in two sizes.



Dräger X-plore 1920 FFP2 NR D, size M/L	3951920	471	20
Dräger X-plore 1920 FFP2 NR D, size S	3951921	471	20
Dräger X-plore 1920 V FFP2 NR D, size M/L with CoolMAX™ exhalation valve	3951925	471	10
Dräger X-plore 1920 V FFP2 NR D, size S with CoolMAX™ exhalation valve	3951926	471	10

Dräger X-plore® 1930 FFP3

Protection against solid and liquid particles.
Available in two sizes.



Dräger X-plore 1930 FFP3 NR D, size M/L	3951930	471	20
Dräger X-plore 1930 FFP3 NR D, size S	3951931	471	20
Dräger X-plore 1930 V FFP3 NR D, size M/L with CoolMAX™ exhalation valve	3951935	471	10
Dräger X-plore 1930 V FFP3 NR D, size S with CoolMAX™ exhalation valve	3951936	471	10

Personal Protection Technology

Half Masks

Description	Order Code	Product Category	Packing unit
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Particle Filtering Face Pieces Dräger X-plore® 1900 NIOSH

Dräger X-plore® 1900 is a high-performance, single-use dust mask for protection against fine dust and particles. The premium particle filtering mask is available in two sizes, combining ease of use, exceptional comfort and optimal fit.

Thanks to the latest generation of CoolSAFE™ filter materials, breathing resistance is hardly noticeable. The optional models fitted with a CoolMAX™ exhalation valve keep breathing cool and easy. The flexible, continuous looped VarioFLEX™ head straps make it easy to put on. The SmartFOLD™ design with patented double reinforcement makes the mask shape highly stable and provides a generous breathing space.

The mask is available in two sizes (S and M/L). This makes it suitable for many different face shapes and sizes, so each wearer can choose the right size for an optimal fit. And the three-part folding design offers high flexibility in terms of fit.

The masks are also fully compatible with protective eyewear. Spectacles wearers can wear it comfortably without the mask or glasses getting in each other's way and without the spectacles fogging up. Protection class N95.

Approval in accordance with NIOSH 42 CFR part 84.



Dräger X-plore® 1950 N95

Protection with at least 95% efficiency against solid and liquid particles or particulate aerosols that do not contain oil. Available in two sizes.



Dräger X-plore 1950 N95, size M/L	3951950	471	20
Dräger X-plore 1950 N95, size S	3951951	471	20
Dräger X-plore 1950 V N95, size M/L with CoolMAX™ exhalation valve	3951955	471	10
Dräger X-plore 1950 V N95, size S with CoolMAX™ exhalation valve	3951956	471	10

Personal Protection Technology

Half Masks

Description	Order Code	Product Category	Packing unit
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Half Masks – Singlefilter Dräger X-plore® 4700

The Dräger X-plore® 4700 singlefilter half masks are very comfortable to wear and offer an excellent fit. This is achieved by combining a hard plastic shell to hold the straps with a very soft mask body. A soft harness with convenient straps and reliable neck hook as well as an improved head cradle enable ultimate comfort without hardly any pressure, as well as quick and easy donning and doffing.

Doffing of the mask for “stand-by” position by the drop-down option – just open neck hooks. Alternatively available with elastic head harness (EH). Available with Rd40 connection for Dräger X-plore® Rd40 filters. Tested and certified according to EN 140.



Dräger X-plore® 4740 (EN 140)

Reusable half mask for highest requirements in comfort and protection against gases, vapours and dusts. Large variety of mask filter combinations. For all EN Rd40-filters with standard thread connection Rd40 (Ø 40mm) according to EN 148-1.

Colour for mask body:

- black (silicone)
- translucent grey (TPE)
- optional: elastic head harness without neck hooks (EH)



Dräger X-plore 4740, TPE, M/L	R55876	425	1
Dräger X-plore 4740, silicone, S/M	R55875	425	1
Dräger X-plore 4740, silicone, M/L	R55874	425	1
Dräger X-plore 4740, silicone, EH, M/L	R56710	425	1

Filters

For the filters please refer to our price list “Filters”.

Personal Protection Technology

Half Masks

Description	Order Code	Product Category	Packing unit
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Half Masks – Twinfilter Dräger X-plore® 3300 and 3500

Experience a new dimension of comfort and safety in respiratory protection: These half masks successfully combine practicality of use with comfort. The use of new materials coupled with a modern, attractive design ensures maximum comfort and user acceptance. Wherever respiratory protection is needed, e.g. at chemical and steel plants, automotive and shipping industry, maintenance, utilities supply and disposal, Dräger X-plore® half masks provide you a perfect solution.

Tested and certified according to EN 140 and NIOSH.
To be used with Dräger X-plore® bayonet filters.



Dräger X-plore® 3300

Reusable half mask with a twinfilter bayonet connection.
Economical, easy to maintain.
Colour of mask body: grey



Dräger X-plore 3300, S	R55331	425	1
Dräger X-plore 3300, M	R55330	425	1
Dräger X-plore 3300, L	R55332	425	1

Dräger X-plore® 3500

Reusable, premium quality half mask with a twinfilter bayonet connection. Mask made from hypoallergenic DrägerFlex material for long-term, demanding jobs. Very comfortable head harness with "Drop Down" neck strap. Each mask is supplied with a re-sealable storage bag.

Colour of mask body: black



Dräger X-plore 3500, S	R55351	425	1
Dräger X-plore 3500, M	R55350	425	1
Dräger X-plore 3500, L	R55352	425	1

Personal Protection Technology

Half Masks

Description	Order Code	Product Category	Packing unit
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Dräger X-plore® 3000 Sets

Dräger X-plore 3300 set for painter

Half mask Dräger X-plore 3300 and two filters

Dräger X-plore 3300 S + A2 P3 R D	3708069	425	1
Dräger X-plore 3300 M + A2 P3 R D	R57793	425	1
Dräger X-plore 3300 L + A2 P3 R D	3708070	425	1

Dräger X-plore 3300 set for chemical work

Half mask Dräger X-plore 3300 and two filters

Dräger X-plore 3300 S and A1B1E1K1 Hg P3 R D	3708071	425	1
Dräger X-plore 3300 M and A1B1E1K1 Hg P3 R D	R57794	425	1
Dräger X-plore 3300 L and A1B1E1K1 Hg P3 R D	3708072	425	1

Dräger X-plore 3500 set for construction

Half mask Dräger X-plore 3500 and two filters

Dräger X-plore 3500 S and Pure P3 R	3708067	425	1
Dräger X-plore 3500 M and Pure P3 R	R56960	425	1
Dräger X-plore 3500 L and Pure P3 R	3708068	425	1

Dräger X-Plore 3300 set with P3 R (6738011-capsuled)

Half mask Dräger X-plore 3300 and two filters

Dräger X-plore 3300 S + P3 R	3701431	425	1
Dräger X-plore 3300 M + P3 R	3711309	425	1
Dräger X-plore 3300 L + P3 R	3701432	425	1

Wildfire Responder Kit EN:

Responder kit for civilians and fire departments with following included products:

- 1x Half mask X-plore 3500
- 2x Filter X-plore A1B1E1K1 Hg P3 R D
- 1x Reusable mask bag
- 1x Box of 10 mask cleaning wipes
- 1 x X-pect 4200 black

Available in 3 different sizes.

Wildfire Responder Kit (S) EN	3707009	425	1
Wildfire Responder Kit (M) EN	3707010	425	1
Wildfire Responder Kit (L) EN	3707008	425	1

Personal Protection Technology

Half Masks

Description	Order Code	Product Category	Packing unit
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Wildfire Responder Kit NIOSH:

Responder kit for civilians and fire departments with following included products:

- 1x Half mask Dräger X-plore 3500
- 2x Filter X-plore Multi-Gas+ /P100 (OV/AG/HF/FM/CD/AM/MA/HS/P100)
- 1x Reusable carrying (cotton) bag
- 1x Box of 10 mask cleaning wipes
- 1 x X-pect 4200 black

Available in 3 different sizes.

Wildfire Responder Kit (S) NIOSH	3706946	425	1
Wildfire Responder Kit (M) NIOSH	3706947	425	1
Wildfire Responder Kit (L) NIOSH	3706945	425	1
Dräger X-plore NIOSH Sets:			
Dräger X-plore 3500 M + P100 / Multi-gas	3723646	425	1
Dräger X-plore 3500 M + OV/AG/HF/FM/CD/AM/MA/HS	3723647	425	1
Dräger X-plore 3500 M + P100	3703412	425	1

Filters

For the filters please refer to our price list "Filters".

Accessories



Carrying box WIKRU Robust carrying box for half mask	RM07000	425	1
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Spare Parts

For spare parts, please refer to our spare parts list, which you can receive on request.

Personal Protection Technology

Half Masks

Description	Order Code	Product Category	Packing unit
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Fit Testing

Dräger masks and filters effectively protect against particles and gases in the ambient air. However, it is important to note that only an appropriately fitting mask can provide a high-level of protection; thus, when inappropriate or poor fitting respiratory equipment is used while working, this merely gives the user a false sense of security and could have severe effects on the user's health.

Fit testing ensures a tight fit of the respiratory mask under realistic operating conditions. During testing, various movements of daily tasks are simulated, while the mask is checked for leaks using different techniques.



Qualitative fit test kit Bitrex

Kit includes hood, 2 nebulizers, 6 ampules fit test solution, 6 ampules sensitivity solution and instructions. Estimate 3 to 5 fit tests per ampule. Can be used to fit test any mask with a filter of at least P1/N95 rating or higher.



Qualitative fit test kit Bitrex	4055625	425	1
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Spare parts fit test kit Bitrex

Spare Bitrex fit test solution Includes 6 ampules. Estimate 3 to 5 fit tests per ampule.	4055624	425	1
Spare Bitrex sensitivity solution Includes 6 ampules.	4055623	425	1
Fit test hood Only for Bitrex fit test kit.	4055650	425	1

Used to fit test the FPS 7000 P18/PX full face mask (NFPA approved) with a TSI PortaCount machine. Note that a set of P3/P10 required and not included.

Personal Protection Technology

Half Masks

Description	Order Code	Product Category	Packing unit
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PortaCount fit test adapters

Fit test adapters for the TSI PortaCount machine.



<p>PortaCount fit test adapter twinfilter (Bayonet) Used to fit test the X-plore 3000 and 5500 series with a TSI PortaCount machine. Note that a set of P3/P100 filters is required and not included.</p>	6738979	425	1
<p>PortaCount fit test adapter P- and RA-masks (Rd40) Used to fit test full face masks with RA (Rd40) connector or half mask X-plore 4740 with a TSI PortaCount machine. Note that a P3/P100 filter is required and not included.</p>	4056315	425	1

Personal Protection Technology

Full Face Masks

Full Face Masks FPS 7000

Dräger FPS 7000 – normal pressure	264
Dräger FPS 7000 – positive pressure	266

Full Face Masks Panorama Nova

Dräger Panorama Nova – normal pressure	270
Dräger Panorama Nova – positive pressure	272

Full Face Masks X-plore

Dräger X-plore 5500 – twin filter	275
Dräger X-plore 6000 – single filter	276

Full Face Mask CDR 4500

Dräger CDR 4500	279
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Full Face Masks - Accessories

Dräger Full Face Masks – Accessories	280
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Dräger Fit-Testing

Dräger Fit-Testing (please find this in chapter 10)	261
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Personal Protection Technology

Full Face Masks

Description	Order Code	Product Category	Packing unit
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FPS 7000 – Normal Pressure

Developed for the professional use within all areas of fire fighting, and industry. It offers highest safety for the user by leak tight fit and high wearing comfort. An almost natural field of vision with a good all-around view is provided by the overall design of the mask.

The intelligent air circulation prevents fogging. The modularity of the mask concept offers the possibility to fulfil different customer needs. The innovative Dräger FPS-COM systems as well as a HUD or the FPS-IMD are optional fully integrated into the mask. A long lifetime is realized by high qualitative materials and accurate workmanship. The full face mask is available in different versions and can be used in combination with powered air purifying respirators, filters or airline systems.

Standardised equipped with a transponder.



FPS 7000 with standardized threaded connector (RA) Rd 40mmx1/7" (EN 148-1)

The personal face piece for highest demands with regards to tight fit and wearing comfort. Mask body with proven double sealing line for leak tight and comfortable fit. Inner mask with control valves. Mask body made of resistant rubber mixture EPDM (Ethylene-Propylene-Diene Compound) which is kind to the skin. Inner mask made of TPE. Easy to adjust 5-point head harness and neck strap. Wide field of vision through the visor made of shock- and heat-resistant polycarbonate, fixed in the glass-fibre reinforced plastic frame.

No fogging by optimal air circulation.

With standardized threaded connector Rd 40mmx1/7" according to EN 148-1.

Approved according to EN 136 Cl. 3+ with CE-mark.



FPS 7000 RA-EPDM-M2-PC-EPDM	R56310	421	1
FPS 7000 RA-EPDM-M2-PCas-EPDM (visor: as - anti-scratch)	R57823	421	1
FPS 7000 RA-EPDM-S1-PC-EPDM (new size S)	3723809	421	1
FPS 7000 RA-EPDM-L2-PC-EPDM	R56503	421	1

Personal Protection Technology

Full Face Masks

Description	Order Code	Product Category	Packing unit
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FPS 7000 (RA) Silicone

Like FPS 7000 RA-EPDM, but with mask body and head harness made of high qualitative silicone which is particularly kind to the skin.

Approved according to EN 136 Cl. 3+ with CE-mark.

FPS 7000 RA-SI-M2-PC-SI	R56332	421	1
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Further versions of the full face mask FPS 7000 are available via the following configurator part numbers:

FPS 7000 NP (Normal pressure masks, RA-connector)	R56415	421	1
FPS-COM 5000 NP (Normal pressure masks, RA-connector in combination with FPS-COM 5000)	R62701	429	1
FPS-COM 7000 NP (Normal pressure masks, RA-connector in combination with FPS-COM 7000)	R61350	409	1

Spare Parts

For spare parts, please refer to our spare parts list(s), which you can receive on request:

Dräger FPS 7000	E 1412.950
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Personal Protection Technology

Full Face Masks

Description	Order Code	Product Category	Packing unit
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FPS 7000 – Positive Pressure

Developed for the professional use within all areas of fire services, mining and industry. It offers highest safety for the user by an leak tight fit and high wearing comfort. An almost natural field of vision with a good all-around view is provided by the overall design of the mask. The intelligent air circulation prevents fogging. The modularity of the mask-concept offers the possibility to fulfill different customer needs. The mask-helmet adapter allows an improved connection between mask and helmet. Available in different versions.

The innovative Dräger FPS-COM systems as well as a HUD or the FPS-IMD are optionally integrated into the mask. A long lifetime is realized by high qualitative materials and accurate workmanship. Different connectors for the combination with breathing apparatuses, airline systems and closed-circuit breathing apparatus are available. Standardised equipped with a transponder.



FPS 7000 with standardized threaded connector M45x3 (PE) (EN 148-3)

With mask body made of EPDM and visor made of shock- and heat-resistant Polycarbonate. Standardized connector M45x3 according to EN 148-3.

Approved according to EN 136 Cl. 3+ with CE-mark.



FPS 7000 PE-EPDM-M2-PC-EPDM	R56426	422	1
FPS 7000 PE-EPDM-M2-PCas-EPDM (visor: as - anti-scratch)	R57828	422	1

Personal Protection Technology

Full Face Masks

Description	Order Code	Product Category	Packing unit
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FPS 7000 with DIN standardized plug-in connector (ESA)

With mask body made of EPDM and visor made of very flexible shock- and heat-resistant Polycarbonate. Standardized plug-in connector of the German fire service according to DIN 58600.
Approved according to EN 136 Cl. 3+ with CE-mark.



FPS 7000 ESA-EPDM-M2-PC-EPDM	R56307	422	1
FPS 7000 ESA-EPDM-M2-PCas-EPDM (visor: as- anti-scratch)	R57827	422	1

FPS 7000 with Dräger plug-in connector (P)

With mask body made of EPDM and visor made of shock- and heat-resistant Polycarbonate. Special Dräger plug-in connector.
Approved according to EN 136 Cl. 3+ with CE-mark.



FPS 7000 P-EPDM-M2-PC-EPDM	R56200	422	1
FPS 7000 P-EPDM-M2-PCas-EPDM (visor: as - anti-scratch)	R57820	422	1
FPS 7000 P-EPDM-S1-PC-EPDM	R56249	422	1
FPS 7000 P-EPDM-S1-PC-EPDM (new size S)	3707928	422	1
FPS 7000 P-EPDM-L2-PC-EPDM	R56300	422	1

FPS 7000 with Dräger plug-in connector (P18/PX) (not EN approved)

NFPA 1981/2019; to be used with special LDV (P18 LDV - NFPA 2018 order code 3367430):

FPS 7000 P18-EPDM-M2-APECas-H (US)	R63091	422	1
FPS 7000 P18-EPDM-S1-APECas-H (US)	R63090	422	1
FPS 7000 P18-EPDM-L3-APECas-H (US)	R63092	422	1

Personal Protection Technology

Full Face Masks

Description	Order Code	Product Category	Packing unit
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FPS 7000 (P) Silicone

Like FPS 7000 P-EPDM, but with mask body and head harness made of high quality silicone which is particularly suitable for long term use and kind to the skin.

Approved according to EN 136 Cl. 3+ with CE-mark.



FPS 7000 P-SI-M2-PC-SI	R56331	422	1
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FPS 7000 with plug-in connector (RP) for PSS BG 4 plus and BG ProAir

With special plug-in connector for closed-circuit breathing apparatus PSS BG 4 plus and BG ProAir, with polycarbonate anti-scratch coated visor and wiper.

Also available with drinking device.

Approved according to EN 136 Cl. 3 with CE-mark.



FPS 7000 RP-EPDM-M2-PCas-EPDM (visor: as - anti-scratch)	R56326	422	1
FPS 7000 RP-EPDM-SI-PCas-EPDM (visor: as - anti-scratch)	R57675	422	1
FPS 7000 RP-EPDM-L3-PCas-EPDM (visor: as - anti-scratch)	R57676	422	1

including drinking device:

FPS 7000 RP-EPDM-M2-PCas-EPDM-TR (visor: as - anti-scratch)	R56670	422	1
FPS 7000 RP-EPDM-SI-PCas-EPDM-TR (visor: as - anti-scratch)	R58135	422	1
FPS 7000 RP-EPDM-L3-PCas-EPDM-TR (visor: as - anti-scratch)	R58136	422	1

Accessories for the FPS 7000 RP with drinking device

Hydration pack PAKTEEN

The hydration pack PAKTEEN consists of a long-lasting, resistant nylon material. Exterior fillport for easy filling. D-ring attachment points offering possibility to place the unit anywhere.

Specifications:

Capacity: 1.5 l

Dimension: 304 mm x 177 mm x 25 mm

Weight: 0.2 kg



Hydration Pack PAKTEEN (1.5l Hydrolink System)	R57990	428	1
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Personal Protection Technology

Full Face Masks

Description	Order Code	Product Category	Packing unit
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FPS 7000 for combination with HPS 7000 fire fighting helmets

FPS 7000 with helmet-adaptor for the combination with HPS 7000.



FPS 7000 P-EPDM-M2-PC-S-fix (Positive pressure, plug-in connector)	R56309	422	1
FPS 7000 P-EPDM-M2-PCas-S-fix (Positive pressure, plug-in connector)	R58650	422	1

Further versions of the full face mask FPS 7000 are available via the following configurator part numbers:

FPS 7000 PP (Positive pressure masks, P-, PE- & ESA-connector)	R56400	422	1
FPS 7000 RP (RP-connector for PSS BG 4 plus and BG ProAir)	R56990	422	1
FPS-COM 5000 PP (Positive pressure masks, PE-, ESA, P-connector in combination with FPS-COM 5000)	R62702	429	1
FPS-COM 7000 PP (Positive pressure masks, PE-, ESA, P-connector in combination with FPS-COM 7000)	R61300	409	1
FPS-COM 5000 RP (FPS 7000 with RP-connector in combination with FPS-COM 5000)	R62703	429	1

Spare Parts

For spare parts, please refer to our spare parts list(s), which you can receive on request:

Dräger FPS 7000	E 1412.950
Dräger FPS 7000 (USA/NFPA)	E 1412.971
Dräger FPS 7000 RP	E 1412.952

Personal Protection Technology

Full Face Masks

Description	Order Code	Product Category	Packing unit
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Panorama Nova Normal Pressure

The classic under the full face masks. Applications within all areas of industry and fire service. For highest demands on leak-tight fit and wearing comfort. Large field of vision with good all-around view by Panorama visor. Intelligent air circulation for a visor without mist. Long lifetime by high qualitative materials and accurately machining.

The full face mask is available in different versions for use in combination with powered air purifying respirators, filter or airline systems.



Panorama Nova with standardized threaded connector Rd 40mmx1/7" (RA) (EN148-1)

The personal face piece for highest demands regarding tight fit and wearing comfort. Mask body with double sealing line for tight and comfortable fit, inner mask with control valves. Mask body and inner mask made of a resistant rubber mixture made of EPDM (ethylene-propylene-diene compound) which is kind to the skin. Easy-to-adjust 5-point-head harness and practical neck strap. Wide field of vision due to 180° Panorama visor made of shock- and heat-resistant polycarbonate, held in a robust stainless steel frame. No fogging due to optimal air circulation.

Easy-to-service connector with standardized threaded connector Rd 40mmx1/7" according to EN 148-1, incorporating proven stainless steel speech diaphragm for excellent communications as well as inhalation and exhalation valve.

Approved according to EN 136 Cl. 3+ with CE-mark.



Panorama Nova RA-EPDM-PC	R52850	421	1
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Personal Protection Technology

Full Face Masks

Description	Order Code	Product Category	Packing unit
<p>Panorama Nova Std. RA-EPDM-PC-K/rt With red plastic visor frame. With plastic speech diaphragm and without neck strap.</p>	R54990	421	1



Panorama Nova (RA) Silicone

Like Panorama Nova RA-EPDM, but with mask body, inner mask and head harness made of high quality silicone which is especially kind to the skin.
 Without neck strap.
 Approved according to EN 136 Cl. 3+ with CE-mark.



Panorama Nova RA-SI-PC	R52855	421	1
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Spare Parts

For the spare parts please refer to our spare parts list(s) which you receive on request:

Panorama Nova RA	E 1412.050
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Personal Protection Technology

Full Face Masks

Description	Order Code	Product Category	Packing unit
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Panorama Nova Positive Pressure

The classic under the full face masks. Applications within all areas of fire service, industry and mining. For highest demands on leak-tight fit and wearing comfort. Large field of vision with good all-around view by Panorama visor. Intelligent air circulation for a visor without fogging. Long lifetime by high qualitative materials and accurately machining. The full face mask is available in different versions with different connectors for compressed air breathing apparatus, airline systems and closed circuit breathing apparatus.



Panorama Nova with standardized threaded connector M45x3 (PE) (EN148-3)

With mask body and inner mask made of EPDM, with visor made of shock- and heat-resistant polycarbonate.

With standardized threaded connector M45x3 acc. EN 148-3 for compressed air breathing apparatus.

Approved according to EN 136, CL 3+ with CE-mark.



Panorama Nova PE-EPDM-PC	R51492	422	1
Panorama Nova PE-EPDM-TRIPLEX Like Panorama Nova EPDM-PC, but visor made of scratch-, heat- and especially chemical-resistant laminated glass (Triplex).	R51792	422	1



Panorama Nova Standard PE (with red visor frame and plastic speech diaphragm / without neck strap)	R54720	422	1
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Personal Protection Technology

Full Face Masks

Description	Order Code	Product Category	Packing unit
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Panorama Nova with DIN standardized plug-in connector (ESA)

With mask body and inner mask made of EPDM, with visor made of shock- and heat-resistant polycarbonate. With standardized plug-in connector of the German fire service according to DIN 58600. Approved according to EN 136, Cl. 3+ with CE-mark.



Panorama Nova ESA-EPDM-PC	R55001	422	1
Panorama Nova ESA-EPDM-TRIPLEX (visor made of scratch-, heat- and especially chemical-resistant laminated glass (Triplex))	R55004	422	1

Panorama Nova with Dräger plug-in connector (P)

With special Dräger plug-in connector for positive pressure compressed air breathing apparatus. Approved according to EN 136, Cl. 3+ with CE-mark.



Panorama Nova P-EPDM-PC	R52972	422	1
Panorama Nova P-EPDM-TRIPLEX (Visor made of scratch-, heat- and especially chemical-resistant laminated glass (Triplex)).	R52992	422	1



Panorama Nova Standard P (with red visor frame and plastic speech diaphragm / without neck strap)	R54450	422	1
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Personal Protection Technology

Full Face Masks

Description	Order Code	Product Category	Packing unit
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Panorama Nova (P) Silicone

Like Panorama Nova P-EPDM, but with mask body, inner mask and head harness made of high-quality silicone. Without neck strap. Approved according to EN 136, Cl. 3+ with CE-mark.



Panorama Nova P-Si-PC	R53070	422	1
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Panorama Nova for combination with HPS 7000 fire fighting helmet

Panorama Nova Supra: Like Panorama Nova, but with fixed helmet adapter.



Panorama Nova P-EPDM-PC-Supra (Positive pressure, plug in connector)	R51853	422	1
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Spare Parts

For the spare parts please refer to our spare parts list(s) which you receive on request:

Panorama Nova P	E 1412.571
Panorama Nova PE	E 1412.010
Panorama Nova ESA	E 1412.552
Panorama Nova Supra RA, P, PE, ESA	E 1412.081

Personal Protection Technology

Full Face Masks

Description	Order Code	Product Category	Packing unit
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Full Face Masks – Twin filter X-plore 5500

Experience a new dimension of comfort and safety in respiratory protection: The X-plore® twin filter series. Wherever respiratory protection is needed, e.g. at chemical and steel plants, automotive and shipping industry, maintenance, utilities supply and disposal, Dräger X-plore full face masks can provide you a perfect solution.



X-plore 5500

Full face mask with a twin filter bayonet connection. For users who demand highest quality and wearing comfort. EPDM mask body with double sealing line. Wide angle vision. Panorama visor made of shock and heat resistant polycarbonate. With barcode label on inner side. Universal size. Approved acc. to EN 136 Cl. 2 and NIOSH. For use with Dräger X-plore bayonet filter series.



X-plore 5500	R55270	421	1
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X-plore 5500 Triplex (like X-plore 5500 but with chemical resistant laminated glass visor (Triplex) and stainless steel frame)	R56655	421	1
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Spare Parts

For the spare parts please refer to our spare parts list(s) which you receive on request:

Dräger X-plore 5500

E 1412.860

Personal Protection Technology

Full Face Masks

Description	Order Code	Product Category	Packing unit
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Full Face Masks - Single filter X-plore 6000

The classic under the full face masks. Applications within all fields of industry, utilities, waste disposal and handcraft. For highest demands on leak-tight fit and wearing comfort. Large field of vision with good all-around view by Panorama visor. Intelligent air circulation for a fog-free visor. Long lifetime by high quality materials and accurate machining. With standardized round threaded connector according to EN 148-1 (Rd 40mmx1/7") for use with filters as well as with powered air purifying respirators.



X-plore 6300

The personal face piece for the price-conscious user who demands quality and wearing comfort. Mask body made of highly resistant EPDM compound with double sealing line ensuring comfortable and tight fit. Nose cup with valves. Easy-to-adjust 5-point head harness. Large, distortion-free visor made of highly scratch-resistant plexiglass (PMMA) with barcode label on inner side for improved management of mask. Blue plastic frame. Light weight. Easy-to-service one-piece plastic connector.

With standardized threaded Rd 40 mm x 1/7" connector according to EN 148-1 with blue plastic exhalation valve cover. Without neck strap. With plastic speech diaphragm. Approved acc. to EN 136 Cl. 2 with CE-mark. NIOSH-approved.



X-plore 6300 RA-EPDM-PMMA-K/bl	R55800	421	1
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Personal Protection Technology

Full Face Masks

Description	Order Code	Product Category	Packing unit
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X-plore 6530

The personal face piece with EPDM mask body for highest demands regarding tight fit, equipment and wearing comfort.

Like X-plore 6300, but with visor made of approved shock- and heat-resistant polycarbonate, black plastic exhalation valve cover, stainless steel speech diaphragm and neck strap.

Approved acc. to EN 136 Cl. 3 with CE-mark.

NIOSH-approved.



X-plore 6530 RA-EPDM-PC-K/bl With blue plastic frame.	R55795	421	1
X-plore 6530 RA-EPDM-PC (NIOSH/EN) With stainless steel frame.	R51525	421	1



X-plore 6530 RA-EPDM-TRIPLEX (like X-plore 6530 RA-EPDM but with chemical resistant laminted glass visor (Triplex) and stainless steel frame).	R55810	421	1
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X-plore 6570

The personal face piece with silicone mask body (very kind to the skin) for highest demands regarding tight fit and wearing comfort.

Like X-plore 6530, but with silicone mask body, visor made of shock- and heat-resistant polycarbonate, black plastic exhalation valve cover, stainless steel speech diaphragm.

Approved acc. to EN 136 Cl. 3 with CE-mark.

NIOSH-approved.



X-plore 6570 RA-SI(bl)-PC-K/sw With blue silicone mask body and black plastic frame.	R55790	421	1
X-plore 6570 RA-SI-PC (NIOSH/EN) With yellow silicone mask body and stainless steel frame.	R51535	421	1

Personal Protection Technology

Full Face Masks

Description	Order Code	Product Category	Packing unit
<p>X-plore 6570 RA-SI(ye)-TRIPLEX (like X-plore 6570 RA-SI but with chemical resistant laminted glass visor (Triplex) and stainless steel frame).</p>	R55850	421	1



Spare Parts

For the spare parts please refer to our spare parts list(s) which you receive on request:

Dräger X-plore 6300	E 1412.545
Dräger X-plore 6500	E 1412.548

Personal Protection Technology

Full Face Masks

Description	Order Code	Product Category	Packing unit
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Full Face Mask CDR 4500

The CDR 4500 is a full face mask specifically designed for use by professional users in civil defense and disaster control.

It is equipped with a standardized round threaded filter connector and provides - together with a suitable respiratory filter - effective protection against hazardous substances in the ambient air.

The mask is very comfortable to wear and extremely durable. It is tested and approved according to EN 136 Cl. 3 (CE-mark). Together with the CAPI filter it is approved according to US NIOSH CBRN APR standard (Title 42, CFR, part 84).

The applicable filters for a broad range of applications fulfill the specific requirements of civil defense and disaster control.



CDR 4500

- The elastomeric mask body is highly chemical resistant
- The visor, with anti-scratch coating on both sides, provides a large, distortion-free field of vision
- Centered standardized round threaded filter connector Rd40 acc. to EN 148-1
- Stainless steel speech diaphragm
- 5-point head harness
- Neck strap
- Color of mask: black



CDR 4500 RA-EPDM-PC/C-K/sw	R55440	424	1
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Spare Parts

For spare parts, please refer to our spare parts list(s), which you can receive on request:

Dräger CDR 4500	E 1412.554
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Personal Protection Technology

Full Face Masks

Description	Order Code	Product Category	Packing unit
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Full Face Masks – Accessories

Please find below a wide program of accessories for our masks.

Welding protection Panorama Nova / X-plore

For reliable eye protection when welding. Hinged shield. Simple assembly without tools. Suitable for lenses with A 4.5" x 5.25" format.



Welding protection PN/X-plore (For use with all full face masks from the X-plore 5500/6000 series and Panorama Nova series with metal frames.)

4053437

428

1

Welding protection FPS 7000



Welding protection FPS 7000 (Not compatible with versions with mask-helmet-adapter)

R58707

428

1

Adapter for welding protection

To be used with welding protection 4053437 and R58707. Adapter for supplementary panels and welding protective filters with a 110mm x 90mm format, in accordance with DIN EN ISO 16321.



Adapter for Welding Protection

R57308

428

1

Welding shield cover lens

Replacement protective lens – protects shaded lenses from weld splatter. For use with 4053437 and R58707. A 4.5" x 5.25" format. Clear, polycarbonate.

Welding shield cover lens

4053440

428

1

Personal Protection Technology

Full Face Masks

Description	Order Code	Product Category	Packing unit
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Carrying box WIKOV V

Made of impact-resistant synthetic material with adjustable harness, suitable for keeping the Panorama Nova and X-plore 5500, 6000 mask with head harness permanently ready for use.



Carrying case WIKOV V	R51019	428	1
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Carrying case Mabox

For keeping the X-plore 5500 and 6000 or full face mask with helmet adapter in general and the masks of series FPS 7000 permanently ready for use. Very robust and temperature resistant.



Carrying case Mabox I	R53680	428	1
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Carrying case Mabox II (small)	R54610	428	1
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Protex mask bag

Made of flame retardant cotton. For keeping Panorama Nova, FPS 7000, X-plore 5500 and 6000 masks.

* planned changeover UoM approx. Q1 2025. 1x R54939 = one bag with delivery unit of 4 pieces (i.e. ordering only possible in increments of 4).



Protex mask bag	R54939	428	4
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Mask bag

For keeping Panorama Nova, FPS 7000, X-plore 5500 and 6000 masks.



Mask bag	AH00091	428	1
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Washing bag red/green

- Washing bag to be turned inside out with indicator of mask condition (to be washed/ready to use)
- Drawstring with stopper
- Made of TCF
- 340x380 mm



Washing bag	R61000	978	1
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Personal Protection Technology

Full Face Masks

Description	Order Code	Product Category	Packing unit
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Washing bag

- Ideal protection for masks with adapter
- Pockets for adapter
- Drawstring with stopper
- Made of Nomex/polyester
- 310x310 mm



Washing bag	R58704	978	1
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Washing bag, red/green

- Washing bag to be turned inside out with indicator of mask condition (to be washed/ready to use)
- Two drawstring with stopper
- 360x340 mm
- Not to be used for FPS 7000



Washing bag	7904013	978	1
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Spectacles frame Panorama Nova/ X-plore 5500/6000

To be fitted in all Panorama Nova, X-plore 5500 and 6000 masks, without optical lenses.



Spectacles frame Panorama Nova / X-plore	R51548	428	1
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Spectacles frame FPS 7000

To be fitted in masks of type FPS 7000, without optical lenses.



Spectacle frame FPS 7000 (complete)	R56230	428	1
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Adapter set FPS 7000 for spectacle frame (For the use of the PN-frame in the FPS 7000)	R56799	428	1
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Standard neck strap Panorama Nova / X-plore 5500/6000 / FPS 7000

For carrying the mask before/after use. As accessory for the Panorama Nova, FPS 7000, X-plore 5500 and 6000 masks. Please order additionally for each neck strap two buttons (RM08910).

Neck strap	R51772	492	1
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Personal Protection Technology

Full Face Masks

Description	Order Code	Product Category	Packing unit
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Neck strap NFPA

For carrying the mask before/after use. According to NFPA standard, made of black Kevlar, as an accessory for Panorama Nova, X-plore 5500 and 6000 masks.
Please order additionally for each neck strap two buttons (RM08910).



Neck strap NFPA	R54212	428	1
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Neck strap for FPS 7000

Elastic, flame-resistant. For carrying the mask before/after use. Accessory for FPS 7000.
Please order additionally for each neck strap two buttons (RM08910).



Neck strap (elastic) FPS 7000	R56366	428	1
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Button	RM08910	492	15
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Hairnet FPS 7000



Hairnet FPS 7000	R56197	428	1
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Lens covers

Made of plastics to put on Panorama Nova X-plore 5500 and 6000 visors.



Lens covers (25 pcs) Self-adhesive	4055092	428	1
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Klar-Pilot gel (50 ml)

Environmentally compatible, non-hazardous detergent for all visors in the Dräger masks range. Silicone- and alcohol-free. Klar-Pilot prevents visors and mask spectacles from fogging even in case of extreme temperature differences.



Klar-Pilot gel (50 ml)	R52560	978	1
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Personal Protection Technology

Full Face Masks

Description	Order Code	Product Category	Packing unit
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Klar-Pilot fluid (50 ml)

Like Klar-Pilot gel, but as fluid, with long-term effect.
Right for soaking the wiper of Panorama Nova.



Klar-Pilot fluid (50 ml)	R52550	978	1
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Klar-Pilot spray

Like Klar-Pilot gel, but as a spray.
Especially for anti-scratch coated visors in the Dräger masks range;
especially FPS 7000 RP.



Klar-Pilot spray	R56542	978	1
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Like Klar-Pilot spray, but as a 100 ml bottle.
Especially for anti-scratch coated visors in the Dräger masks range.



Klar-Pilot bottle (100 ml)	3736833	978	1
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Dräger DAISY quick wet wipes (sachet)

Very useful when equipment needs a quick clean,
for example during training sessions or presentations.
Sealed in a sachet and packed in a box of 10 pcs.



DAISYquick cleaning cloth	R54134	978	1
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Filter adapter P-RA

For short-term applications such as post treatment during missions by fire
services and the decontamination of chemical protection suits.



Filter adapter P-RA	6736770	428	1
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Personal Protection Technology Communication Systems

Dräger FPS-COM 7000	286
Dräger FPS-COM 5000	290
Dräger Com Control Units C-C440/C-C550	293
Dräger Helmet communication HPS-COM	297
Mask communication Unit MS-COM and Special Solutions	299

Personal Protection Technology

Communication Systems

Description	Order Code	Product Category	Packing unit
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Mask Communication Dräger FPS®-COM 7000

- The FPS-COM 7000 is the latest generation of a fully integrated mask communication system
- with optimized voice quality /voice loudness due to newly developed digital noise reduction
- equipped with 2 voice amplifiers
- loudness can be adjusted directly at the COM-unit
- 1 or 2 ear phones selectable
- in communication system integrated PTT-button
- voice activated short range radio for talking and listening hands-free at same time
- switch between 1-10 groups possible
- automatic relay of incoming radio messages can be activated
- operation with two easily exchangeable AA-batteries
- connection to different radio-types via cable or Bluetooth-modules
- available in 2 different frequencies (country-specific)
- robust, approved according to protection class IP 67
- C7 Configuration software for customizing the configuration
- standard scope of delivery contains:
carrier for adaption to selected breathing mask connectors (RA, P, PE or ESA), protection cap, earphone(s) 2 AA batteries and blind cap for radio connections
- Sales currently allowed in following countries:
AT, BE, HR, CZ, DK, FI, FR, DE, GB, HU, IT, NL, PL, ES, SE, CH, TR, RO, CY, BG, EE, GR, IE, LV, LT, MT, NO, PT, SK, SI. and NZ, AU, ZA, RU, SG, EC, CN.
- mask-integrated to be ordered as version FPS-COM 7000 NP (selectable: normal pressure mask connection RA), see R 61 350 or as version FPS-COM 7000 PP (selectable: positive pressure mask connection P, PE, ESA), see R 61 300



Dräger FPS®-COM 7000



Selectable Configurators

FPS-COM 7000 (communication system without mask)	R61100	409	1
FPS-COM 7000 PP (built into positive pressure mask P, PE or ESA)	R61300	409	1
FPS-COM 7000 (built into normal pressure mask RA)	R61350	409	1

Personal Protection Technology

Communication Systems

Description	Order Code	Product Category	Packing unit
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Structure of Configurator FPS®-COM 7000, R61100

1. Frequency of basic unit – country specific

for Europe 863- 865 MHz		409	1
for Australia 915 – 928 Mhz		409	1

2. Selection of batteries

batteries 2 pcs. AA Alkaline 1,5 V, temp. class T4 Ex (Standard)		409	1
batteries 2 pcs. AA Alkaline 1,5 V, temp. class T3 Ex		409	1

3. Selection of radio connection

cable: universal plug (for use with Com Control Units C-C440/ C-C500/550) (compatible for more than 350 different radio types)		409	1
without radio connection - with blind cap		409	1

4. Selection of ear phone

ear phone right and left (standard)		409	1
ear phone only left		409	1
ear phone only right		409	1

5. Selection of carrier /mask adaptation

Carrier/mask connection RA		409	1
Carrier/mask connection P		409	1
Carrier/mask connection PE/ESA		409	1

6. Protective Cover

Protective Cover FPS 7000 (for all sorts of mask-connections)		409	1
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Personal Protection Technology

Communication Systems

Description	Order Code	Product Category	Packing unit
7. Selection of device settings			
7.1. Choice of language setting			
set automatically, based on entered target country			
7.2. Selection of quantity of talk groups (1-10)			
Setting of 3 talk groups (standard)		409	1
Setting of 1,2,4,5,6,7,8,9 or 10 talk groups to be selected		409	1
7.3. Selection of PTT-Mode			
PTT deactivated		409	1
Teamtalk + tactical radio + voice amplifier		409	1
Teamtalk + tactical radio		409	1
Teamtalk + voice amplifier		409	1
Teamtalk		409	1
Tactical radio and voice amplifier		409	1
Tactical radio (standard)		409	1
Voice amplifier		409	1
7.4. Choice of relay of incoming messages			
automatic relay of radio messages activated		409	1
automatic relay of radio messages deactivated (standard)		409	1

Personal Protection Technology

Communication Systems

Description	Order Code	Product Category	Packing unit
Accessories			
Configuration-Software with update cable	R61320	490	1
Carrier PE/ESA connection	R61150	490	1
Carrier P/RA connection	R61250	490	1
Protection cover FPS 7000 (for all sorts of mask-connections)	R61130	490	1
Heat protection for radio-cable	3351747	972	1
Hose clips (for adaption to breathing Apparatus)	3337088	972	1
Several Com Control units C-C 440/ 550 can be selected – see Pricelists Dräger COM CONTROL Units (PrLST-094)			
Spare Parts			
For the spare parts please refer to our spare parts list			
Dräger FPS-COM 7000	E 1412.980		

Personal Protection Technology

Communication Systems

Description	Order Code	Product Category	Packing unit
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Mask Communication Dräger FPS®-COM 5000

- The FPS-COM 5000 is the latest generation of a fully integrated mask communication systems
- for use with all versions of mask FPS 7000 (also for RP-masks for use with CCBA BG4)
- with optimized voice quality /voice loudness - due to newly developed digital noise reduction
- equipped with 2 voice amplifiers
- optional selectable: 1 ear phone (on the left)
- operation with two easily exchangeable AAA-batteries
- connection to different radio-types possible via cable or Com Control Units
- approved according to protection class IP 67
- standard scope of delivery contains:
Communication Unit for selected breathing mask connectors (RA, P, PE, ESA or RP), 1 carrier depending on selected mask connector, 2 AAA batteries and blind cap for radio connections, if no radio cable is selected; and blind plug, if no earphone is ordered within.
- mask-integrated to be ordered in following versions:
- FPS-COM 5000 NP (with normal pressure mask-adaptation RA), see Configurator order code R62701
- FPS-COM 5000 PP (selectable: positive pressure mask-adaptation P, PE, ESA), see Configurator order code R62702
- FPS-COM 5000 RP (for Closed Circuit Breathing Apparatus-masks), see Configurator order code R62703



Dräger FPS®-COM 5000

Selectable Configurators

FPS-COM 5000 (Communication system without mask)	R62700	429	1
FPS-COM 5000 NP (built into normal pressure mask RA)	R62701	429	1
FPS-COM 5000 PP (built into positive pressure mask P, PE or ESA)	R62702	429	1
FPS-COM 5000 RP (built into CCBA-mask RP)	R62703	429	1

Personal Protection Technology

Communication Systems

Description	Order Code	Product Category	Packing unit
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Structure of Configurator FPS®-COM 5000, R62700

1. Basic unit – country specific

Basic unit FPS-COM 5000 Select target country		429	1
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2. Selection of radio connection

Without radio connection – without earphone		429	1
Without radio connection – with 1 earphone on the left, blind cap instead of radio cable		429	1
Cable: universal plug (for use with Com Control units C-C440/ C-C500/550) (compatible for more than 350 different radio type)		429	1
Cable: plug Motorola Waris		429	1
Cable: plug Motorola JEDI		429	1
Cable: plug Motorola GCAI		429	1
Cable: plug Motorola Slim GCAI		429	1
Cable: plug Sepura STP		429	1
Cable: plug Kenwood		429	1

Motorola Waris radios

ATS2500, GP329 ATEX, CGP339 ATEX, GP340 ATEX, GP380 ATEX, GP 380 ATEX, GP 680 ATEX, PTX 760 (for ATEX assessment, ATEX parameters of radio have to be checked with FPS-COM 5000 parameters before, shown in IFU supplement!)

ATS2500, GP140, GP320, GP328, GP329, GP338, GP339, GP340, GP360, GP380 GP640, GP650, GP680, GPI280 HT750, HTI250, HTI250LS, HTI550 HTI550XLS, MTX8250 MTX8250LS, MTX9250 PRO5150, PRO5350, PRO5450, PRO5550, PRO5750, PRO7150 PRO7350, PRO7450, PRO7550, PRO7650, PRO7750, PRO9150 PTX700, PTX760, PTX780 MTP810 Ex, MTP 850 Ex (for ATEX assessment, ATEX parameters of radio have to be checked with FPS-COM 5000 parameters before, shown in IFU supplement!)

Motorola Jedi radios: GP900, GPI200, GP9000 GTX LTR, GTX PPP, HTI000 JTI000, MT2000, MT2100, MT6000E, MTP200, MTP300, MTS2000, MTX-LS, MTX2000, MTX8000, MTX838, MTX9000, MTX960, TS, XTS2500, XTS3000, XTS3500, XTS5000, XTS 4250

Personal Protection Technology

Communication Systems

Description	Order Code	Product Category	Packing unit
Sepura radios: STP8000, STP8100, STP8038, STP9038, STP9100, STP9138, STP9140, STP9200 STP9238, STP9240, STP9280			
Motorola Gcai radios: On request			
Motorola Slim Gcai radios: MTP3100, MTP3150, MTP3200, MTP3250, MTP3550, further on request			
Other radio connections on request.			
3. Selection of carrier (depending on mask connector)			
cap P/RA-COM		429	1
cap PE/ESA		429	1
cap RP-COM		429	1
cap RP-TR-COM		429	1
Accessories			
Upgrade Kit Ear Phone (radio cable to be ordered separately)	R62714	429	1
Heat protection for radio-cable	3351747	972	1
Hose clips (for adaption to breathing Apparatus)	3337088	972	1
Several Com Control units C-C 440/ 550 can be selected – see Pricelist Dräger COM CONTROL Units (PrLST-094)			
Spare Parts			
For the spare parts please refer to our spare parts list			
Dräger FPS-COM 5000		E 1412.979	

Personal Protection Technology

Communication Systems

Description	Order Code	Product Category	Packing unit
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Dräger Com Control Units

Dräger C-C440

The Dräger C-C440 is an easy to operate push-to-talk button which simplifies the communication via the tactical radio. The large push-to-talk button of the Dräger C-C440 makes it the first choice for operations when wearing the device under protective clothing (e.g. chemical protection suit).

The 4 pole Nexus adaptor allows a flexible connection of a headset or mask communication to the radio unit. The C-C440 is extremely stable, robust and waterproof (MIL STD 810G and IP67) to resist all operational conditions.

Depending on the radio, the unit can be ATEX approved for usage in potentially explosive environments.



Dräger C-C550

Successor of C-C500-series. The Dräger C-C550 includes both: an integrated microphone and speaker, which gives a flexibility of use as the device can be used with headset, but also without a connected head-set.

It eases the use of the tactical radio significantly. The two large push-to-talk buttons allow an easy voice transfer, even when wearing the device under protective clothing. The C-C550 is extremely stable, robust and waterproof (MIL STD 810G and IP67) to resist all operational conditions. Depending on the radio, the unit can be ATEX approved for usage in potentially explosive environments.

The Dräger Com Control units can be connected to over 350 different radios. Order information and radio compatibilities shall be taken from the attached table or our Compatibility List.

In case of enquiries for Com-Control units, which are not shown in the list, please contact Dräger.



Personal Protection Technology

Communication Systems

Brand	Type	Description	Order Code
MOTOROLA			
	DGP5050, DP3400, DP3401, DP3600 DP3601, DP4400,	C-C440/M7-1	R35141
	DP4401 DP4600, DP4601, DP4800, DP4801, XiR P8200, XiR P8208, XiR P8260, XiR P8268, XiR P866,0 XiR P8668, XPR6350, XPR6380, XPR6550, XPR6580, XPR7350, XPR7380 XPR7550, XPR7580, APX 2000, APX4000, APX6000, APX6000XE, APX6500, APX7000, APX7000L, APX7000XE, APX7500, APX8000, APX 8500 XE (non Ex):M 7-1	C-C550/M7-1	R35112
	MTP6000, MTP6550	C-C550/M7-3	R35138
	MTP830S, MTP850S, MTP850Fug	C-C-440/M7-2 C-C550 /M7-2	R35115 R35114
	ATS2500, GP140, GP320, GP328, GP329, GP338,	C-C440/M4	R35111
	GP339, GP340, GP360, GP380,GP640, GP650, GP680, GP1280 HT750, HTI250, HTI250LS, HTI550, HTI550XLS, MTX960, MTX8250, MTX8250LS, MTX9250 PRO5150, PRO5350, PRO5450, PRO5550, PRO5750, PRO7150, PRO7350, PRO7450, PRO7550, PRO7650 ,PRO7750, PRO9150 PTX700, PTX760, PTX780	C-C550/M4	R35136
	DP2400, DP2600, DP3441, MTP3100, MTP3150, MTP3200, MTP3250,	C-C440/M11	R35170
	MTP3550, XIR P6600, XIR P6620, XPR3300, XPR3500	C-C550/M11	R35133
	GP328Plus, GP344, GP366R, GP388, GP628+, GP688 See also HYTERA-radios TC500, TC-508, TC600, TC610, TC-7000	C-C440/M5	R35159
	CG418, CT150, CT250, CT450, CT450LS, EP4150, EP450 GP68, GP68 Plus, GP68-8, GP88, GP300, GP308 GP2000, GP3688, GTI, GTX, MTX900, PR400, PRO3150 P040, P080, P110, P145, P165 , P185 , P1225 P1225LS, PTX600, SP10, SP21, SP50, Spirit-III XTN446, XTN500, XTN600, DPI400, XIR P3688	C-C550/M1	3703723
	GCAI mini: For MXP 600 and R7	C-C440 C-C550	3728393 3728392

Personal Protection Technology

Communication Systems

Brand	Type	Description	Order Code
	MTP810 EX, MTP850 EX	C-C440/850,810 Ex	R35139
	ATS2500, GP329, GP339, GP340, GP380, GP580,GP680, PTX760	C-C440/Waris ATEX	R35127
	DGP8550Ex, DGP8050EX, DP4401Ex, DP4801Ex XiR P8668Ex, XPR7550Ex (these EX versions require an add. MOLEX adapter, R35137)	C-C440/DP4000Ex	R35126
KENWOOD			
	NX-200, NX-300, TK-280, TK-290, TK-380, TK-390	C-C440/K2	3703720
	TK-480, TK-481, TK-2140, TK-2180, TK-3180, TK-3140, NX-3200, NX-3220, NX-3300, NX-5000, NX-5200, NX-5300, NX-5400	C-C550/K2	3703721
	NX-220, NX-320 , NX-420, TH-21, TH-25A, TH-41, TH-45, TH-75,	C-C440/K1	R35152
ICOM			
	F11, F11S, F14, F14S, F15, F21, F21S, F22, F24, F24S, F31, F33, F43, ICV8, ICV80, ICV80E, IC F-3026 S, F-4026, IC-F1000, IC-F2000, IC-F 3002, IC-F 3003, IC-F 4003	C-C440/S3	R35151
SEPURA			
	STP8000, STP8100, STP8038,STP9038, STP9100, STP9138,	C-C440/SP2	R35125
	STP9140, STP9200 STP9238, STP9240, STP9280	C-C550/SP2	R35132
	STP8X with Ex-approval: accessories only available exclusively from SEPURA		

Personal Protection Technology

Communication Systems

Brand	Type	Description	Order Code
HYTERA			
		TC500, TC-508, TC600, TC610, TC-7000 see also Motorola-radios GP328Plus, GP344, GP366R, GP388, GP628+, GP688	C-C440/M1 R35159
		TC-265, TC-268, TC-365, TC-368	C-C440/K1 R35152
		Hytera PD700-series, PD900-series, PT560/PT580	C-C440/M8 C-C550/M8 3729454 3707675
		Hytera PD79X Ex, PD71X Ex HD795 Ex, PT790 Ex, PT710 Ex	C-C440 C-C550 R35160 R35168
AIRBUS /Cassidian			
		THR880i	C-C550/ADS2 On request
		Cassidian TPH 900 (non Ex)	C-C440/ADS 4 3716678
		Cassidian TPH 900 (non Ex)	C-C550/ADS 4 3719492
		THR9	C-C550 on request
		THR9 Ex	C-C550/THR9 Ex R35122
ENTEL			
		Entel DT - series	CC-550/DT 3730523

Personal Protection Technology

Communication Systems

Description	Order Code	Product Category	Packing unit
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Helmet communication Dräger HPS®-COM

The robust headsets of the new HPS-COM-series for integration into helmets Dräger HPS 7000 and HPS Safeguard offer clear and reliable communication and work efficiency.

Successor of the well-known HC-1/HC-2 units for helmets. HPS-COM can be combined with Dräger Com Control units C-C440 or C-C550 for use with up to 350 different radio types.

The devices can be used under respiratory equipment as they are equipped with highly reliable and voice-sensitive microphones.

4 different microphone versions available:

HPS-COM Boom: directional gooseneck microphone with excellent noise cancelling, filters surrounding noise

HPS-COM Short: e. g. for clear communication in confined spaces

HPS-COM Skull and HPS COM Throat: bone conductive microphones. Voice transmission without disturbance by surrounding noise.

Orderable as upgrade sets for helmets HPS 7000 and HPS SafeGuard or directly to be ordered within the configurator of the helmet type HPS 7000. As upgrade set easy to mount into the helmet without any tools.

Approvals:

ATEX approval: Ex II 2 G Ex ib IIC T4 Gb

Protection Class: IP 67

With helmet HPS 7000 and HPS Safeguard approved according to EN 443.



Dräger HPS-COM

With 1 chooseable microphone

Microphone: 4 different microphone versions can be chosen

Connector: Quick release plug (Nexus plug)

Compatibility: Dräger Com-Control 400/440 and 500/550 units for connection to up to 350 diff. radio types



Dräger HPS-COM Boom Mic with gooseneck microphone arm and coiled cable windshield included	3703820	410	1
Dräger HPS-COM Short Mic with short microphone arm and coiled cable windshield to be ordered separately	3703821	410	1
Dräger HPS-COM Skull Mic with bone conductive skull mic and coiled cable	3703822	410	1
Dräger HPS-COM Throat Mic with throat mic neck band and coiled cable	3703823	410	1

Personal Protection Technology

Communication Systems

Description	Order Code	Product Category	Packing unit
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Dräger HPS- COM Dual Versions

Microphone: Combination of 2 different microphone versions.
 To be chosen: bone conductive Skull Mic with Boom Mic or with Short Mic
 Connector: Quick release plug (Nexus plug)
 Compatibility: Dräger Com-Control 400/440 and 500/550
 for connection to 350 diff. radio types



Dräger HPS-COM Dual : Skull-Mic / Boom Mic with bone conductive skull mic and Boom Mic with integrated windshield for Boom Mic	3703830	410	1
Dräger HPS-COM Dual: Skull-Mic / Short Mic with bone conductive skull mic and Short Mic windshield to be ordered separately , if needed	3703831	410	1
Additional accessories for HPS-COM			
HPS-COM Adapter for HPS 7000, size H2	3703836	410	1
HPS-COM Adapter for HPS 4300/4500	3720032	406	1
Set HPS 7000 COM plug protection for adaptation to helmets HPS 7000 (left or right side) for storage of Nexus-plug , when HPS-COM 7000 is not actively in use	R80042	410	1

For Spare Parts see spare parts list 1412.585 for HPS-COM

Personal Protection Technology

Communication Systems

Description	Order Code	Product Category	Packing unit
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Mask Communication MS-COM and Special Solutions



Dräger MS-COM

A durable and easily mounted communication unit especially designed for Dräger full face mask Panorama-Nova. The speaker positioned in the temple area and the microphone positioned in the exhalation area enable an optimal communication by all Dräger Com-Control-units to the radio.

Speaker: One speaker

Compatibility: Dräger Com-Control 400/400 500/550

Connector: Quick release plug (4 pole)

Remarks: suitable caps and bracket are needed



coiled cable	R35085	404	1
* ATEX/EX II 2 GD, EX IA IIC T4, EX IAD 2I T130 approved			
coiled cable	R35025	404	1

Personal Protection Technology

Communication Systems

Description	Order Code	Product Category	Packing unit
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Dräger MS-COM Boom

A durable and easily mounted communication unit especially designed for Dräger full face mask Panorama-Nova. The speaker positioned in the temple area and the microphone positioned in the exhalation area enable an optimal communication by all dräger com-control-units to the radio. Easily adapted with a clip-on-system. only The bracket has to be mounted to the mask before.

Speaker: One speaker

Compatibility: Dräger Com-Control 400/440 500/550

Connector: Quick release plug (4 pole)

Remarks: Bracket is needed



ATEX* approved:

Dräger MS-COM Boom FP straight cable, flash-over proved	R60918	404	1
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* ATEX/EX II 2 GD, EX IA IIC T4, EX IAD 2I T130 approved

Accessories for MS-COM

Mounting brackets for adaption to masks

Bracket For the assembly onto the Panorama Nova full face mask with metal frame	R35063	404	1
Bracket MS-COM For the assembly onto the FPS 7000 full face mask	R56846	404	1

Mask caps

Protective cap for Panorama Nova P	R55086	404	1
Protective cap for Panorama Nova PE / ESA	R55087	404	1
Protective cap for Panorama Nova RA	R55088	404	1

Cap for FPS 7000 P/RA MS-COM	R56821	404	1
Cap for FPS 7000 PE/ESA MS-COM	R56822	404	1
Cap for FPS 7000 RP MS-COM	R56981	404	1
Cap for FPS 7000 RP-TR MS-COM	R56982	404	1

Personal Protection Technology Filters

Dräger X-plore Rd40 Filters	302
Dräger X-plore Bayonet Filters	305
Dräger Civil Defense Filters	308

Personal Protection Technology

Filters

Description	Order Code	Product Category	Packing unit
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Filters - Dräger X-plore® Rd40 Filters

Quality filter with standard Rd40-thread (EN 148-1). Whether used in chemical industry or automobile industry, shipbuilding, metal processing industry or by public utility services – for decades Dräger respiratory protection filters have been a synonym for experience and safety worldwide. They clean breathable air from contaminants in a low-cost and effective manner.

For use with half mask Dräger X-plore 4740 and full face masks X-plore 6000, Panorama Nova and FPS 7000.

Filters marked with * please use with full face mask only, because the filter weight is > 300 grams.



Filters (EN)

Particle filters (EN 143)

1140 P3 R (incinerable)	6732974	433	25
	3736592	433	3
	6738932	433	1



Gas filters (EN 14387)

940 A2	6738855	431	1
940 A2B2	6738779	431	1
1140 AX	6738863	431	1
1140 AXB2*	6738782	431	1
940 K2	6738856	431	1
940 A2B2E2K1	6738802	431	1
1140 A2B2E2K2*	6738804	431	1



Personal Protection Technology

Filters

Description	Order Code	Product Category	Packing unit
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Accessories



Filter box 40/100, grey enables to use the exchange filter 670 P3 with masks having the standard Rd40 thread (EN 148-1).	6738489	433	10
Protection grid for the use with filter box 40/100	6738483	433	25
Exchange filter 670 P3 R for the use with filter box 40/100	6738480	433	25

Personal Protection Technology

Filters

Description	Order Code	Product Category	Packing unit
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Combination filters (EN 14387)



940 A2 P2 R D	6738857	431	1
1140 A2 P3 R D	6738860	431	1
940 A2B2 P2 R D	6738780	431	1
1140 A2B2 P3 R D	6738783	431	1
1140 AX P3 R D	6738862	431	1
940 K2 P2 R D	6738858	431	1
940 A2B2E2K1 P2 R D	6738803	431	1
1140 A2B2E2K1 Hg P3 R D	6738815	431	1
1140 A2B2E2K2 Hg P3 R D*	6738797	431	1
1140 A1B2E2K1 Hg NO P3 R D / CO 20 P3 R D*	6738801	431	1
1140 A2B2E2K2 Hg NO P3 R D / CO 20 P3 R D*	6738814	431	1

Special filters



1140 A2 P3 R D / Reactor / Nuclear P3 R D	6738871	431	1
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Filters (NIOSH CFR42)

Combination canister

PH/CN/CS/P100	6737360	431	1
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Masks

For the masks please refer to our price list "Half Masks" or "Full Face Masks"

Personal Protection Technology

Filters

Description	Order Code	Product Category	Packing unit
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Filters - Dräger X-plore® Bayonet Filters




Quality filters for Dräger masks with bayonet connection. Experience a new dimension of comfort and safety in respiratory protection: The Dräger X-plore bayonet filter series. Bearing in mind today's requirements for modern PPE, Dräger Safety has worked together with users from industry and the skilled professions to develop a new line of respirators. It combines very successfully practicality of use with comfort. For use with half masks Dräger X-plore 3300 and 3500 and full face masks Dräger X-plore 5500 (bayonet connection).

All filters are packed as pairs (e.g. packing unit 20 = 10 pairs). Filters marked with * please use with full face mask only, because the filter weight per pair is > 300 grams.




Filters (EN)

Particle filters (EN 143)

			
Pad P1 NR	6738001	438	20
P3 R	6738011	438	22
	3736588	438	6
	3706494	438	2
			
Pure P2 R	6738353	438	20
Pure P3 R	6738354	438	20
	3736589	438	6
	3706495	438	2
Pure Odour P3 R	6738391	438	20

Gas filters (EN 14387)

			
A1	6738872	438	20
A2	6738873	438	20
A1B1E1	6738778	438	20
A1B1E1K1	6738816	438	20
A2B2	6738775	438	18

Personal Protection Technology

Filters

Description	Order Code	Product Category	Packing unit
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Combination filters (EN 14387)



A1 P3 R D	6738874	438	14
A2 P3 R D	6738875	438	14
	3736591	438	6
	3706493	438	2
ABEK1 Hg P3	3736590	438	6
	3706492	438	2
A1B1E1K1 Hg P3 R D	6738817	438	14
A2B2 P3 R D**	6738776	438	12
A2B2E2K2 Hg P3 R D**	6738819	438	10

**Small packaging units are available for special point of sale with colored packaging. Please get in touch with your local contact person.

Filters (NIOSH CFR 42)

Particle filters



P100	6740830	438	22
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Pure P100	6738350	438	20
Pure P100 Odor	6738392	438	20

Gas cartridges

OV	6738024	438	20
OV/AG/HF/FM/CD	6738025	438	20
AM/MA	6738027	438	20
Multi-Gas+ (OV/AG/HF/FM/CD/AM/MA/HS)	6738351	438	20

Personal Protection Technology

Filters

Description	Order Code	Product Category	Packing unit
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Combination cartridges

OV/P100	6738034	438	14
OV/AG/HF/FM/CD/P100	6738035	438	14
Multi-Gas+ /P100 (OV/AG/HF/FM/CD/AM/MA/HS/P100)	6738361	438	14



Accessories

Pad Retainer	6738038	438	12
Pad Base	6738039	438	12
Pure Adapter	6738356	438	10



Masks

For the masks please refer to our price list "Half Masks" or "Full Face Masks"

Personal Protection Technology

Filters

Description	Order Code	Product Category	Packing unit
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Dräger Civil Defense Filters

Dräger civil defense filters are combined filters that were specially designed for scenarios in which not only industrial chemical vapors and substances may be present, but also chemical and biological warfare agents.

The broad application range meets the requirements of civil defense and disaster control teams and other rescue services.

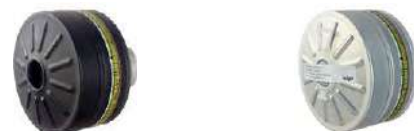
The filters have a low breathing resistance and a high filtration and protection capacity. Suitable for full-face masks with standard thread connection Rd40 (EN 148-1) e.g. Dräger CDR 4500.

The civil defense filters are subject to export approval.



Civil Defense Filters

Combination filter with Rd40 standard thread connection in accordance with EN 148-1.



A2B2E2K2 P3 R D/NBC (silver)

Approved acc. to EN 14387

6739224

432

1

A2B2E2K2 P3 R D/NBC (black)

Approved acc. to EN 14387

6739344

432

1

Combination filter with Rd40 standard thread connection in accordance with NIOSH TC - 84A-2794 / NIOSH



CBRN Cap. 1

3703226

432

1

Full Face Masks

See pricelist "Full Face Mask CDR 4500"

Personal Protection Technology

Protective Eyewear

Dräger X-pect

310

Personal Protection Technology

Protective Eyewear

Description	Order Code	Product Category	Packing unit
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Dräger X-pect® 2000/4000

State-of-the-art protective spectacles and goggles – this is the Dräger X-pect 2000/4000 protective eyewear collection. Including a premium anti-scratch and anti-fog coating according to EN 166 (KN). Combining the best possible wearer comfort, high safety and an attractive design, providing special protection to the most important sensory organ: your eyes.

Tested and certified according to EN 166

ANSI Z87.1

CSA Z94.3

AUS/NZS 1337.1



Dräger X-pect 2400

Cover spectacles with large field of vision. Large lens for combination with prescription glasses. Very robust due to polycarbonate material.



Dräger X-pect 2400 cover spectacles clear	3717410	481	1
Dräger X-pect 2400 cover spectacles smoke	3717411	481	1

Dräger X-pect 4200

Vented goggles with premium anti-scratch and anti-fog coating. Very robust due to polycarbonate material.



Dräger X-pect 4200 goggles clear Lens Material made of polycarbonate	3717310	481	5
Dräger X-pect 4200 goggles black Lens Material made of polycarbonate	3717311	481	5

Dräger X-pect 4400




Not vented goggles with premium anti-scratch and anti-fog coating. Very resistant against chemicals and liquids due to acetate material. **Protects against airborne infection.**



Dräger X-pect 4400 goggles clear Lens Material made of acetate	3717320	481	5
Dräger X-pect 4400 goggles black Lens Material made of acetate	3717321	481	5

Personal Protection Technology

Protective Eyewear

Description	Order Code	Product Category	Packing unit
Dräger X-pect 4800			
<p>Premium safety glasses with premium anti-scratch and anti-fog coating. Very robust due to polycarbonate material. Very resistant to chemicals and liquids thanks to the acetate material.</p> <p>The double lens is tested according to the military ballistic standard: MIL-PRF-32432A</p>			
			
Dräger X-pect 4800 goggles black Double lens Material made of acetate and polycarbonate	3717341	481	1
Dräger X-pect 4900			
<p>Premium safety glasses with premium anti-scratch and anti-fog coating. Very robust due to polycarbonate material. Very resistant to chemicals and liquids thanks to the acetate material.</p> <p>The double lens is tested according to the military ballistic standard: MIL-PRF-32432A</p>			
			
Dräger X-pect 4900 goggles sand Double lens Material made of acetate and polycarbonate	3717350	481	1
Dräger X-pect 4900 goggles olive Double lens Material made of acetate and polycarbonate	3717351	481	1

Personal Protection Technology

Protective Eyewear

Description	Order Code	Product Category	Packing unit
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Dräger X-pect® 8000

State-of-the-art protective spectacles and goggles – this is the Dräger X-pect 8000 protective eyewear collection. Combining the best possible wearer comfort, high safety and an attractive design, providing special protection to the most important sensory organ: your eyes.

Tested and certified according to EN 166:2001.



Dräger X-pect 8100

Cover spectacles with large field of vision. Large mono lens for combination with prescription glasses. Very robust due to polycarbonate material.



Dräger X-pect 8110 cover spectacles	R58247	481	10
Dräger X-pect 8120 cover spectacles Fully adjustable arms in length and angle.	R58248	481	10

Dräger X-pect 8200

Spectacles with anti-scratch and anti-fog coating. Very robust due to polycarbonate material.



Dräger X-pect 8240 spectacles	R58957	481	10
Dräger X-pect 8310A spectacles, clear	R58249	481	10

Dräger X-pect 8200

Spectacles with anti-scratch and anti-fog coating. Very robust due to polycarbonate material. X-pect 8310A version with a specially formed nosepiece for an optimal fit on Asian faces.



Personal Protection Technology

Protective Eyewear

Description	Order Code	Product Category	Packing unit
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Dräger X-pect 8100

Dräger X-pect 8320 spectacles, clear	R58268	481	10
Dräger X-pect 8321 spectacles, tinted grey	R58269	481	10



Dräger X-pect 8330 spectacles Fully adjustable arms in angle.	R58267	481	10
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Spare Parts

Replacement lens AC for goggles	R61006	481	50
X-pect 4800/4900 double lens clear	3717345	481	10
X-pect 4800/4900 double lens smoke	3717346	481	10
X-pect 4800/4900 double lens amber	3717347	481	10

Personal Protection Technology

Protective Eyewear

Description	Order Code	Product Category	Packing unit
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Small Packs - Protective eyewear

State-of-the-art protective spectacles and goggles- this is the Dräger X-pect® 4000/8000 protective eyewear collection. Combining the best possible wearer comfort, high safety and an attractive design, providing special protection to the most important sensory organ: your eyes.

X-pect® 4000 tested and certified according to EN 166; ANSI Z87.1; CSA Z94.3; AUS/NZS 1337.1

X-pect® 8000 tested and certified according to EN 166:2001.



Half masks, bayonet filters & protective eyewear

For customers requiring smaller quantities and an appealing and uniform appearance with a POS.

Cover Spectacles X-pect® 8140	3716632	481	1
Spectacles X-pect® 8320	3716633	481	1
Goggles X-pect® 4200	3716634	481	1

Personal Protection Technology

Powered Air Purifying Respirators

Dräger X-plore 8000 - Powered Air Purifying Respirators

Dräger X-plore 8300 (filtration of particles)	316
Dräger X-plore 8500 and 8700 (filtration of gases, vapors and particles)	320

Dräger X-plore Headpieces

Dräger X-plore 8000 Hoods, Visors and Helmets	326
Dräger Half Masks and Full Face Masks	328

Personal Protection Technology

Powered Air Purifying Respirators

Description	Order Code	Product Category	Packing unit	Price/ea Excl. VAT
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Dräger X-plore® 8000 Powered Air Purifying Respirators

Powered Air Purifying Respirators for filtration of gases, vapors and/or particles. Robust design for tough environments. High wearing comfort due to the ergonomic carrying systems and virtually no breathing resistance. Safe through self-explanatory operation and an intelligent alarm system. Automatic adjustment of the air flow for the headpiece connected. In addition, manual adjustment of the airflow is possible. Wide range of tight- and loose-fitting headpieces for a big variety of applications.

Approved according to EN 12941 and EN 12942.



Dräger X-plore® 8300

Powered Air Purifying Respirator for particles.

Dräger X-plore 8300 is the optimal powered air purifying respirator when it comes to protection against hazardous particles. Ideal for use in dusty atmospheres: including grinding and woodwork applications, construction and demolition operations, various types of welding, pharmaceutical and medical applications.

A complete system consists of the following components:

- blower unit (including integrated high capacity battery)
- filter (particle)
- carrying system
- hose
- headpiece (Hood, Helmet, Visor or Mask)

Approved according to

- EN 12941 (in combination with Dräger X-plore 8000 Hoods, Visors and Helmets)
- EN 12942 (in combination with Dräger X-plore Half and Full Face Masks, or Dräger FPS Full Face Masks)
- Ingress Protection IP67 (Complete protection against ingress of dust and airborne particles. Protection against water and liquids, up to and including immersion in up to 1 meter of water). Machine washable.



Personal Protection Technology

Powered Air Purifying Respirators

Description	Order Code	Product Category	Packing unit
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1. Blower unit and charger

Please choose the blower unit as well as the required charger:



X-plore 8300 PAPR unit (universal edition) EN 12941 and EN 12942 (including integrated high-capacity battery)	3732600	461	1
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X-plore 8300 Standard charger (single cable charger for 1 device for X-plore 8300)	3732635	461	1
X-plore 8300 Multi charger (incl. power supply and cable) (multi-unit charger for 5 devices for X-plore 8300)	3732637	461	1

2. Carrying system

Please choose one of the following carrying system versions:

Belt versions:



X-plore 8300 Standard belt (adjustable from 700 to 1400 mm)	3732640	461	1
Belt extension for X-plore 8300/8500/8700 Standard belt (350 mm)	R59750	461	1
X-plore 8300 Decon belt (adjustable from 700 to 1400 mm)	3732641	461	1
X-plore 8300 Belt extension decon (350 mm)	3732644	461	1
X-plore 8300 Leather belt (adjustable from 700 to 1400 mm)	3732642	461	1

Backpack versions:

X-plore 8300 Standard backpack (rucksack carrying system for X-plore 8300, textile material)	3732645	461	1
X-plore 8300 Decon backpack (rucksack carrying system for X-plore 8300, decon material)	3732646	461	1

Personal Protection Technology

Powered Air Purifying Respirators

Description	Order Code	Product Category	Packing unit
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3. Filter

In combination with the Dräger X-plore 8300 system the following filter is approved according to EN 12941 and EN 12942.



X-plore 8300 Filter PR SL	3732610	436	5
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4. Accessories



X-plore 8300 Spark arrestor (with bump protection function)	3732616	461	1
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X-plore 8300 Washing plug (blower inlet opening) (necessary accessory for IP 67)	3732632	461	1
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X-plore 8000 Washing plug (hose connection opening) (necessary accessory for IP 67)	3732631	461	1
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X-plore 8000 Dust protection plug (hose connection opening)	R59563	461	1
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X-plore 8000 Flow measurement tube	R59566	461	1
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Personal Protection Technology

Powered Air Purifying Respirators

Description	Order Code	Product Category	Packing unit
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5. Spare Parts

X-plore 8300 Filter sealing
(seal between unit and filter)

3734372

597

5

For all the spare parts please refer to our spare parts list(s) which you receive on request:

Dräger X-plore 8300

E 1412.893

Personal Protection Technology

Powered Air Purifying Respirators

Description	Order Code	Product Category	Packing unit
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Dräger X-plore® 8500 (IP) Dräger X-plore® 8700 (EX)

Powered Air Purifying Respirator for filtration of gases, vapors and particles.

A complete system consists of the following components:

- blower unit
- battery
- filter (particle, gas or combination filter)
- carrying system
- hose
- headpiece (Hood, Helmet, Visor or Mask)

Approved according to

- EN 12941 (in combination with Dräger X-plore 8000 Hoods, Helmets and Visors)
- EN 12942 (in combination with Dräger X-plore Half and Full Face Masks, or Dräger FPS Full Face Masks)
- Ingress Protection IP65 (dust tight, resistant to water jets from all sides)

Dräger X-plore 8700 (EX) with EX battery is suitable for use in potentially explosive atmospheres (see technical data for detailed classification).



X-plore 8500/8700 System configurator	R59530	461	
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Personal Protection Technology

Powered Air Purifying Respirators

Description	Order Code	Product Category	Packing unit
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1. Blower Unit, Batteries and Charger

Please choose the blower unit and Lithium-Ion battery as well as the required battery charger:



Dräger X-plore 8500 PAPR unit (IP)	R59500	46l	1
Dräger X-plore 8500 Standard battery (IP)	R59565	46l	1
Dräger X-plore 8500 High capacity battery (IP)	R59585	46l	1



Dräger X-plore 8700 PAPR unit (EX)	R59550	46l	1
Dräger X-plore 8700 Standard battery (EX)	R59575	46l	1
Dräger X-plore 8700 High capacity battery (EX)	R59595	46l	1

Dräger X-plore 8000 Standard Charger	R59780	46l	1
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Dräger X-plore 8000 Multi-Unit Charger, 1 module w/o cable	R59890	46l	1
Dräger X-plore 8000 Multi-Unit Charger, 1 module w/ EU cable	R59950	46l	1
Dräger X-plore 8000 Multi-Unit Charger, 1 module w/ UK cable	R59960	46l	1

Personal Protection Technology

Powered Air Purifying Respirators

Description	Order Code	Product Category	Packing unit
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2. Carrying Systems

Please choose one of the following belt versions:

Dräger X-plore 8000 Standard belt	R59700	461	1
Dräger X-plore 8000 Comfort pad	R59730	461	1
Belt extension for X-plore 8000 Standard belt, 35 cm	R59750	461	1



Dräger X-plore 8000 Decon belt	R59710	461	1
Belt extension for X-plore 8000 Decon belt, 35 cm	R59760	461	1



Dräger X-plore 8000 Welding belt	R59720	461	1
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Dräger X-plore 8000 Shoulder carrying system (for Dräger X-plore 8000 standard belt)	R59740	461	1
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Dräger X-plore 8000 Backpack carrying system	3717360	461	1
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Personal Protection Technology

Powered Air Purifying Respirators

Description	Order Code	Product Category	Packing unit
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3. Filter

In combination with the Dräger X-plore 8500/8700 the following filters are approved according to EN 12941 and EN 12942.

Please choose one of the following filters:

Dräger X-plore 8000 Filter P R SL	6739535	436	1
Dräger X-plore 8000 Filter A2	6739580	436	1
Dräger X-plore 8000 Filter K2	6739585	436	1
Dräger X-plore 8000 Filter A2 P R SL	6739545	436	1
Dräger X-plore 8000 Filter AIBIE1 P R SL	6739550	436	1
Dräger X-plore 8000 Filter AIBIE1K1 Hg P R SL	6739555	436	1
Dräger X-plore 8000 Prefilter	6739730	436	10
Dräger X-plore 8000 Odour filter	6739605	436	5
Dräger X-plore 8000 Odour filter, set	6739735	436	1

4. Accessories

Dräger X-plore 8000 Transport case	R59690	980	1
Transport box standard black (inner dimensions: 390 x 300 x 235 mm)	R63425	980	1
Dräger X-plore 8000 Hose cover, disposable	R59670	461	10
Dräger X-plore 8000 Hose cover, spark proof	R59660	461	1
Dräger X-plore 8000 Unit cover	R59880	461	1
Dräger X-plore 8000 Flow measurement tube	R59566	461	1
Dräger X-plore 8000 Plug (hose connection opening)	R59563	461	1
Dräger X-plore 8000 Plug (blower inlet opening)	R59564	461	1

Personal Protection Technology

Powered Air Purifying Respirators

Description	Order Code	Product Category	Packing unit
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5. Spare Parts

Dräger X-plore 8000 Splash guard lid	6739725	597	1
O-Ring for Hose connector X-plore 8000 Hood and Blower Unit	R59631	597	10

For accessories and spare parts for hoods/visor/helmets and masks see separate price list for Dräger X-plore 8000 hoods / visors/helmets and masks as well as Half Masks 4740 and Full Face Masks Dräger X-plore 6300/6500 and Dräger FPS 7000.

For all the spare parts please refer to our spare parts list(s) which you receive on request:

Dräger X-plore 8500 and 8700 E 1412.870

6. Sets

Dräger X-plore 8500 Application Set, Basic Content: Dräger X-plore 8500 Dräger X-plore 8500 Standard battery Dräger X-plore 8000 Standard charger Dräger X-plore 8000 Standard belt	R59545	461	1
Dräger X-plore 8500 Application Set, Premium Content: Dräger X-plore 8500 Dräger X-plore 8500 High capacity battery Dräger X-plore 8000 Standard charger Dräger X-plore 8000 Standard belt Dräger X-plore 8000 Comfort pad	R59540	461	1
Dräger X-plore 8500 Application Set, Decon Content: Dräger X-plore 8500 Dräger X-plore 8500 Standard battery Dräger X-plore 8000 Standard charger Dräger X-plore 8000 Decon belt Dräger X-plore 8000 Standard hose (for tight-fitting headpieces) Dräger X-plore 6300 EPDM/PMMA Dräger X-plore 8000 Filter P R SL	R59570	461	1
Dräger X-plore 8700 Application Set, Basic (EX) Content: Dräger X-plore 8700 (EX) Dräger X-plore 8700 Standard battery (EX) Dräger X-plore 8000 Standard charger Dräger X-plore 8000 Standard belt	R59990	461	1

Personal Protection Technology

Powered Air Purifying Respirators

Description	Order Code	Product Category	Packing unit
Dräger X-plore 8700 Application Set, Premium (EX) Content: Dräger X-plore 8700 (EX) Dräger X-plore 8700 High capacity battery (EX) Dräger X-plore 8000 Standard charger Dräger X-plore 8000 Standard belt Dräger X-plore 8000 Comfort pad	R59560	461	1
Dräger X-plore 8500 Hood Set Content: Dräger X-plore 8500 Dräger X-plore 8500 High capacity battery Dräger X-plore 8000 Standard charger Dräger X-plore 8000 Standard belt Dräger X-plore 8000 Comfort pad Dräger X-plore 8000 Flexible hose (for hoods) Dräger X-plore 8000 Hose cover, disposable Dräger X-plore 8000 Standard hood, short (L/XL)	3703441	461	1
Dräger X-plore 8500 Application set, Dusty environment 2.0 Content: Dräger X-plore 8500 IP PAPR unit Dräger X-plore 8000 Standard battery Dräger X-plore 8000 Standard charger Dräger X-plore 8000 Standard belt Dräger X-plore 8000 Filter P R SL (EN) Dräger X-plore 8000 Prefilter (10x) Flexible hose (Helmet/Visor/Hood) Dräger X-plore 8000 Face shield Transportation bag	3728507	461	1
Dräger X-plore 8500 Application set, Painting Content: Dräger X-plore 8500 IP PAPR unit Dräger X-plore 8000 Standard battery Dräger X-plore 8000 Standard charger Dräger X-plore 8000 Decon belt Dräger X-plore 8000 Flexible hose Dräger X-plore 8000 Bump cap for hood Dräger X-plore 8000 Hood for helmet, T2 Dräger X-plore 8000 Hose Cover, disposable Visor foils X-plore 8000 Hood for helmet Dräger X-plore 8000 Prefilter Dräger X-plore 8000 Filter A2 P R SL Dräger X-plore 8000 Plug (hose connection) Dräger X-plore 8000 Plug (blower inlet opening) Transportation bag	3728505	461	1

Personal Protection Technology

Powered Air Purifying Respirators

Description	Order Code	Product Category	Packing unit
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Powered Air Purifying Respirator Dräger X-plore® 8000 Headpieces

X-plore 8000 Hoods, Visors and Helmets are specially designed for the use with Dräger X-plore 8000 Powered Air Purifying respirators as well as with the Dräger X-plore 9300 compressed airline system. The headpieces Dräger X-plore 8000 are characterized by a high degree of wearing comfort, a wide field of view and nearly draft-free work. A wide range of different head pieces, materials and protection levels offers the right solution for a variety of applications.

Headpieces - Protection level TH3 in combination with the Dräger X-plore 8000 system are approved according to EN 12941 (except Helmet PC visor LIZ with THI).



Dräger X-plore® 8000 Hoods

The use of the hoods is recommended, if no additional face or head protection is required. Good, stable and comfortable fit even when user is moving due to optimized design/cut. The standard version is made of a very light weight material. The material of the Premium Hoods is stronger, more resistant and also allows the cleaning and disinfection in the immersion bath.

1. Short hoods

Short hoods cover head and face, but leave ears uncovered for good communication. Extremely light and comfortable.



Dräger X-plore 8000 Standard hood, short (S/M)	R59800	462	1
Dräger X-plore 8000 Standard hood, short (L/XL)	R59810	462	1
Dräger X-plore 8000 Premium hood, short (S/M)	R59840	462	1
Dräger X-plore 8000 Premium hood, short (L/XL)	R59850	462	1

Personal Protection Technology

Powered Air Purifying Respirators

Description	Order Code	Product Category	Packing unit
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2. Long hoods

Long hoods cover and protect head, face and neck area and come with a double layer. The inner layer can be placed under the work clothes.



Dräger X-plore 8000 Standard hood, long (S/M)	R59820	462	1
Dräger X-plore 8000 Standard hood, long (L/XL)	R59830	462	1
Dräger X-plore 8000 Premium hood, long (S/M)	R59860	462	1
Dräger X-plore 8000 Premium hood, long (L/XL)	R59870	462	1



Dräger X-plore 8000 Hood for helmet and bump cap, T2	3710776	462	10
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Dräger X-plore 8000 Hood for helmet and bump cap, T4	3710774	462	10
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Personal Protection Technology

Powered Air Purifying Respirators

Description	Order Code	Product Category	Packing unit
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Dräger X-plore® 8000 Welding Visors

The Dräger X-plore® 8000 Welding Visors provide effective protection against sparks and weld splatter, as well as harmful light rays generated during welding. The system ensures additional respiratory protection against a wide range of hazardous substances that may occur during your welding work.

Approved according to

- EN 12941 (TH3 in combination with Dräger X-plore 8300 and Dräger X-plore 8500)



3. Dräger X-plore 8000 Welding Visors



Dräger X-plore 8000 Standard Welding Visor	3728190	462	1
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Simply flip up the screen to switch between the welding shield and the inner transparent visor, which is ideal for all pre- and post-processing work as well as grinding applications.



Dräger X-plore 8000 Premium Welding Visor	3728195	462	1
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Personal Protection Technology

Powered Air Purifying Respirators

Description	Order Code	Product Category	Packing unit
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Dräger X-plore® 8000 Bump Caps and Helmets

Robust and versatile, with a modern design: X-plore® 8000 Helmets and Bump Caps are made for use in the harsh environment of day-to-day industrial operations. They protect your head, face and eyes against mechanical impacts, and some models also protect against chemical exposure. Face seals are available in different lengths and materials, giving you a tailor-made helmet for any job.







4. Dräger X-plore 8000 Bump Caps and Helmets

Dräger X-plore 8000 Face shield (Head protection EN 812 (Bump cap))	3710810	462	1
Dräger X-plore 8000 Bump cap for hood (Head protection EN 812 (Bump cap))	3710805	462	1
Dräger X-plore 8000 Helmet for hood	3710800	462	1
Dräger X-plore 8000 Helmet PC visor HLI	3729120	462	1
Dräger X-plore 8000 Helmet PC visor LIZ (Protection level TH1)	3710775	462	1



Personal Protection Technology

Powered Air Purifying Respirators

Description	Order Code	Product Category	Packing unit
			
Dräger X-plore 8000 Helmet PC visor L2Z	3710780	462	1
			
Dräger X-plore 8000 Helmet PC visor L3Z	3710785	462	1
			
Dräger X-plore 8000 Helmet PC visor L2T2	3710790	462	1
			
Dräger X-plore 8000 Helmet PC visor L3T4	3710795	462	1

5. Dräger X-plore 8000 Hoses for Hoods, Visors, Bump Caps and Helmets

Dräger X-plore 8000 Standard hose	R59620	461	1
Dräger X-plore 8000 Flexible hose	R59600	461	1
Dräger X-plore 8000 Heavy Duty hose	3717390	461	1

Personal Protection Technology

Powered Air Purifying Respirators

Description	Order Code	Product Category	Packing unit
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6. Accessories



Dräger X-plore 8000 Earmuffs	3710777	462	1
Helmet protection bag	R79282	980	1
Helmet carrying bag	R58555	980	1
Visor foils X-plore 8000 Hood for helmet	3710778	462	25
Visor foils X-plore 8000 Helmet w/ visor	3710779	462	50
Protective foil X-plore 8000 Face shield & helmet HL1	3710806	462	10
Dust cover for helmet HL1 short	3717370	462	1
Dust cover for helmet HL1 long	3717375	462	1

7. Spare Parts

Dräger X-plore 8000 Seal for helmet L1Z	3710781	597	1
Dräger X-plore 8000 Seal for helmet L2Z	3710782	597	1
Dräger X-plore 8000 Seal for helmet L3Z	3710783	597	1
Dräger X-plore 8000 Seal for helmet L2T2	3710784	597	1
Dräger X-plore 8000 Seal for helmet L3T4	3710786	597	1
Dräger X-plore 8000 Seal for helmet HL1	3729124	597	1
Dräger X-plore 8000 Seal for face shield	3710807	597	5
Dräger X-plore 8000 Seal for standard welding visor	3728191	597	1
Dräger X-plore 8000 Seal for premium welding visor	3728197	597	1

For all the spare parts please refer to our spare parts list(s) which you receive on request:

Dräger X-plore 8000 (Hoods)	E 1412.880
Dräger X-plore 8000 (Protective visor)	E 1412.885
Dräger X-plore 8000 (Welding visor)	E 1412.882
Dräger X-plore 8000 (Helmets with visor)	E 1412.881
Dräger X-plore 8000 (Helmets)	E 1412.891

Personal Protection Technology

Powered Air Purifying Respirators

Description	Order Code	Product Category	Packing unit
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8. Half Masks

In combination with the Dräger X-plore 8000 system the following Half Masks are approved according to EN 12942.



Dräger X-plore 4740, Silicone, S/M	R55875	425	1
Dräger X-plore 4740, Silicone, M/L	R55874	425	1
Dräger X-plore 4740 TPE M/L	R55876	425	1
Dräger X-plore 4740 Silikon EH, M/L	R56710	425	1

9. Full Face Masks

In combination with the Dräger X-plore 8000 system the following Full Face Masks are approved according to EN 12942.



Dräger X-plore 6300 EPDM / PMMA	R55800	421	1
Dräger X-plore 6530 EPDM / PC	R55795	421	1
Dräger X-plore 6570 Silicone / PC	R55790	421	1
Dräger FPS 7000 EPDM-S1-PC-CR	R56502	421	1
Dräger FPS 7000 EPDM-M2-PC-CR	R56310	421	1
Dräger FPS 7000 EPDM-L2-PC-CR	R56503	421	1

10. Hoses for Half Masks and Full Face Masks

Dräger X-plore 8000 Standard hose (for tight-fitting headpieces)	R59630	461	1
Dräger X-plore 8000 Flexible hose (for tight-fitting headpieces)	R59610	461	1

Personal Protection Technology

Escape Equipment: Filtering Compressed Air / Oxygen Self-Rescuer

Filtering Escape Equipment

Dräger PARAT Escape Hoods	334
Dräger PARAT 3100/3200	339
Dräger PARAT 3160/3260	341
Dräger PARAT I200	344
Dräger PARAT I260	345

Escape Units – Oxygen Self-Rescuer

Dräger Oxy SR	346
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Emergency Escape Equipment

Dräger Saver PP	353
Dräger Saver CF	357
Dräger Saver CF NIOSH	360

Personal Protection Technology

Escape Equipment / Filter / Compressed Air / Oxygen Self-Rescuer

Description	Order Code	Product Category	Packing unit
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Escape Hoods Dräger PARAT®

Dräger PARAT® Escape Hoods were developed in cooperation with users – always with the focus on the fastest escape.

Exceptionally innovative and intuitive: When opening the packaging, the filter plug is automatically released from the filter. The filter is deployed into operational position and the hood can be immediately donned. Thanks to the self-adjusting internal head harness, no additional adjustment is required. All you have to do is: Open the packaging, remove and don the hood and leave the danger zone.

Optimized operation and wearing, a robust housing and tested filters guarantee that the wearer of the Dräger PARAT® is protected from toxic industrial and fire-related gases, vapors and particles for at least 15 minutes.

The Dräger PARAT® escape devices all fulfill the same vital task: to protect people when escaping from hazards into a safe environment.



Dräger PARAT 4700

Industrial escape hood with ABEK P3 Filter

For a safe escape from suddenly occurring industrial gases, vapours and particles.

Approval: according to DIN 58647-7 for filtering escape devices; filter additionally tested in accordance with EN 14387 for gas filter(s) and combined filter(s)



Dräger PARAT 4720 Soft Pack Escape hood in robust soft pack (provides dust protection acc. to IP5) and window to allow the user to check the expiration date	3721333	932	1
Dräger PARAT 4730 Hard Case Escape hood in robust hard case (provides dust and splash water protection acc. to IP54) and window to allow the user to check the expiration date and the device condition	R59431	932	1
Replacement Filter			
E-Filter Set ABEK15 P3: Dräger PARAT 4700 Includes ABEK15 P3 filter and sealing tag	R59471	932	1

Accessories for Dräger PARAT 4700

Additional accessories please see under “Accessories Dräger PARAT 4700, 5500, 7500”

Personal Protection Technology

Escape Equipment / Filter / Compressed Air / Oxygen Self-Rescuer

Description	Order Code	Product Category	Packing unit
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Dräger PARAT® 4900

Industrial escape hood with OVesc./CLesc./SDesc./HCesc./AMesc./HFesc./CDesc./HSesc./MAesc./R95 Filter

For a safe escape from suddenly occurring industrial gases, vapours and particles.

Approval: according to NIOSH 42 CFR Part 84 for escape from non IDLH atmospheres.



Dräger PARAT 4920 Soft Pack Escape hood in robust soft pack (provides dust protection acc. to IP5) and window to allow the user to check the expiration date	3721331	932	1
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Replacement Filter

Filter replacement kit PARAT 4920 NIOSH Includes NIOSH approved OVesc./CLesc./SDesc./HCesc./AMesc./HFesc./CDesc./HSesc./MAesc./R95 Filter and sealing tag	R59473	932	1
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Accessories for Dräger PARAT 4900

Additional accessories please see under "Accessories Dräger PARAT 4700, 5500, 7500"

Dräger PARAT 5500

Fire escape hood with CO P2 filter.

For a safe escape from suddenly occurring toxic fire-related gases, vapours and particles.

Approval: according to EN 403:2004 for fire escape hoods, additionally tested for the use against H₂S (at 2,500ppm) in accordance with DIN 58647-7.



Dräger PARAT 5510 Single Pack Escape hood with conventional, manual removal filter plugs Packaged in a compact cardboard box	R59415	932	1
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Dräger PARAT 5520 Soft Pack Escape hood in robust soft pack (provides dust protection acc. to IP5) and window to allow the user to check the expiration date	3721330	932	1
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Dräger PARAT 5530 Hard Case Escape hood in robust hard case (provides dust and splash water protection acc. to IP54) and window to allow the user to check the expiration date and the device condition	R59435	932	1
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Replacement Filter

E-Filter Set CO-P2: Dräger PARAT 5510 Includes CO P2 filter with red pull strings and sealing label	R59474	932	1
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E-Filter Set CO-P2: Dräger PARAT 5520/30 Includes CO P2 filter and sealing tag	R59475	932	1
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Accessories for Dräger PARAT 5500

Additional accessories please see under "Accessories Dräger PARAT 4700, 5500, 7500"

Personal Protection Technology

Escape Equipment / Filter / Compressed Air / Oxygen Self-Rescuer

Description	Order Code	Product Category	Packing unit
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Dräger PARAT® 5550

Fire escape hood packed in a flame retardant holster especially developed for fire service team use for victim rescue.

The unique advantage: The escape hood / holster combination is system certified together with Dräger BA sets acc. to EN 137:2006, Type 2



Dräger PARAT 5550 Fire escape hood enclosed in a perforated foil pouch and packed in a flame retardant holster.	R59445	932	1
Accessory Pocket large Dräger PARAT 5550 optional attachable pocket to carry additional accessories like loops, can be mounted on the front of the holster	R59491	932	1
Accessory Pocket small Dräger PARAT 5550 optional attachable pocket to carry additional accessories like wedges, can be mounted on either side of the holster	R59492	932	1
Holster for Dräger PARAT 5550 Flame retardant Holster excluding fire escape hood and accessory pockets	R59490	932	1
Spare Set Breakable Loop Dräger PARAT 5550 If the emergency release is activated by breaking the yellow loop, it can be replaced with this set containing a yellow breakable loop attached to the velcro belt holder.	R59493	932	10
Shoulder Harness for Dräger PARAT 5550 Flame retardant shoulder strap especially for use with the PARAT 5550 Holster	R59462	932	1
Refill Pack Dräger PARAT 5550 Fire escape hood enclosed in a perforated foil pouch	R59476	932	1
Dräger Carabiner Hook 65x6.5 mm Can be used to attach the holster on a back-plate of the BA set	R55573	975	10

Personal Protection Technology

Escape Equipment / Filter / Compressed Air / Oxygen Self-Rescuer

Description	Order Code	Product Category	Packing unit
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Dräger PARAT® 7500

Combined fire and industrial escape hood with ABEK CO P3 filter for a safe escape from suddenly occurring toxic industrial gases, vapours, particles and fire-related gases.

Approval: according to EN 403:2004 for fire escape hoods;

According to DIN 58647-7 for filtering escape devices; filter additionally tested in accordance with EN 14387 for gas filter(s) and combined filter(s).



Dräger PARAT 7520 Soft Pack Escape hood in robust soft pack (provides dust protection acc. to IP5) and window to allow the user to check the expiration date	3721329	932	1
Dräger PARAT 7530 Hard Case Escape hood in robust hard case (provides dust and splash water protection acc. to IP54) and window to allow the user to check the expiration date and the device condition	R59437	932	1
Replacement Filter			
E-Filter Set ABEKCO P3: PARAT 7500 Includes ABEKCO P3 filter and sealing tag	R59477	932	1

Training Hood PARAT

Training hood for training purposes with an empty filter dummy



Dräger PARAT Training Hood Single Pack	R59410	932	1
Dräger PARAT Training Hood Soft Pack	3721327	932	1
Dräger PARAT Training Hood Hard Case	R59430	932	1
Dräger PARAT Training Hood Refill Pack	3700515	932	1
Accessories for Dräger PARAT Training Hood			
Filter dummy for PARAT Training Hoods	R59479	932	1
Filterplug straps PARAT Training	R59482	932	20
Security seal PARAT Hoods	R59484	932	10

Personal Protection Technology

Escape Equipment / Filter / Compressed Air / Oxygen Self-Rescuer

Description	Order Code	Product Category	Packing unit
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Accessories for Dräger PARAT® 4700, 5500 and 7500

When on duty, the user can carry the escape hood on a belt or a shoulder strap, a grip clip or a belt clip. The Dräger PARAT Hard Case can also be mounted on the wall using a wallholder.



Waist belt plastic, Dräger PARAT Escape Hoods	R53026	932	1
Waist belt textile, Dräger PARAT Escape Hoods and Dräger Oxy	6733934	515	1
Oxy SR Hip belt Waist belt with antistatic coating, washable, width 3.8 cm (1.5 in), adjustable length 70 to 115 cm (27.56 to 45.28 in)	3715595	515	1
Shoulder strap for Dräger PARAT Escape Hoods	R59461	932	1
Grip Clip for Dräger PARAT Escape Hoods	R59455	932	1
Belt Clip for Dräger PARAT Escape Hoods	R59456	932	1
Adapter plate for Dräger PARAT Soft Pack For attaching a grip clip or a belt clip to the soft pack	R58742	932	1
D-Ring for Dräger PARAT Escape Hoods	R59457	932	1
Wall holder PIN for Dräger PARAT Hard Case	R59451	932	1
Wall holder HOOK for Dräger PARAT Hard Case Can be mounted with a shoulder harness inserted in the Hard Case	R59452	932	1
Carrying bag for 2x Dräger PARAT 5510 Red bag with shoulder harness for carrying / storing two Dräger PARAT 5510 Single Packs	R51907	932	1

Spare Parts

For the spare parts please refer to our spare parts list(s) which you receive on request:

Dräger PARAT Escape Hoods	E 1485.000
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Personal Protection Technology

Escape Equipment / Filter / Compressed Air / Oxygen Self-Rescuer

Description	Order Code	Product Category	Packing unit
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Filtering Escape Devices Dräger PARAT® 3100 / 3200

Dräger PARAT® 3000 filtering escape devices offer a wide range of protection for escape from suddenly occurring industrial gases.

Dräger PARAT® 3000 filtering escape devices are available in two different variations:

- Dräger PARAT® 3100 Half Mask version
- Dräger PARAT® 3200 Mouthpiece & nose-clip version

They are all equipped with a multi-gas ABEK15 filter for a 15 minute escape time. The devices are approved to DIN 58647-7.

The Dräger PARAT® 3000 filtering escape devices fulfill the same vital task: to protect people when escaping from hazards into a safe environment.



Dräger PARAT 3100 and 3200

Wherever hazardous substances are present at the workplace, they may suddenly appear in high concentrations.

Dräger PARAT 3100 and 3200 with an ABEK 15 escape filter ensure the protection of the worker along his escape route for at least 15 minutes. These products are only available in certain regions.



Dräger PARAT 3100 Half Mask Half mask fitted with an ABEK 15 escape filter in a robust case.	3704476	933	1
Dräger PARAT 3200 Mouthpiece Respirator Mouthpiece and nose clip fitted with an ABEK 15 escape filter in a robust case.	3704478	933	1
Replacement Filter			
Replacement filter for Dräger PARAT 3100/3200 (ABEK 15)	R57983	933	5
Training unit for PARAT 3100 and 3200			

The training unit is designed for users who want to train the use of the escape devices. The training units include an empty filter dummy which can be hygienically cleaned after use. Additionally the training units are clearly marked as "For Training Only".



Dräger PARAT 3100 (Training Unit)	3704881	933	1
Dräger PARAT 3200 (Training Unit)	3704884	933	1
Filter Dummy PARAT 3000 Empty filter housing for hygienic use in training devices.	R58345	933	5

Personal Protection Technology

Escape Equipment / Filter / Compressed Air / Oxygen Self-Rescuer

Description	Order Code	Product Category	Packing unit
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Accessories for Dräger PARAT 3100 and 3200

Dräger PARAT 3000 escape devices are carried with users in case of an emergency. To enable a quick escape, various carrying options are available to easily and ergonomically ensure that the device is ready to use.

Grip Clip for Dräger PARAT 3000	3704420	933	1	
Slip Guard Carabiner for Dräger PARAT 3000	3704422	933	1	
Shoulder Strap for Dräger PARAT 3000	3704520	933	1	
Hand Strap for Dräger PARAT 3000	3704519	933	1	
Belt Clip (replacement) for Dräger PARAT 3000	3702205	933	1	
Sealing Strap for Dräger PARAT 3000	R56319	597	5	
Sealing Tag Dräger PARAT 3000 (50 pieces white)	R56355	597	1	

Spare Parts

For the spare parts please refer to our spare parts list(s) which you receive on request:

Dräger PARAT 3100 and 3200	E 1483.000
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Personal Protection Technology

Escape Equipment / Filter / Compressed Air / Oxygen Self-Rescuer

Description	Order Code	Product Category	Packing unit
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Filtering Escape Devices Dräger PARAT® 3160 / 3260

Dräger PARAT® 3000 filtering escape devices offer a wide range of protection for escape from suddenly occurring industrial gases.

Dräger PARAT® 3000 filtering escape devices are available in two different variations:

- Dräger PARAT® 3160 Half Mask version
- Dräger PARAT® 3260 Mouthpiece & nose-clip version

They are all equipped with a multi-gas ABEK15 filter for a 15 minute escape time. The devices are approved to DIN 58647-7.

The Dräger PARAT® 3000 filtering escape devices fulfill the same vital task: to protect people when escaping from hazards into a safe environment.



Dräger PARAT 3160 and 3260

In comparison to the Dräger PARAT 3100 / 3200 Series the Dräger PARAT 3160 and 3260 devices and filters are vacuum sealed in an aluminum barrier bag, making them better suited for demanding climate conditions.



Dräger PARAT 3160 Half Mask Half mask fitted with an ABEK 15 escape filter sealed together in an aluminum-barrier bag. Aluminium barrier bag is packed in a robust case.	3704477	933	1
Dräger PARAT 3260 Mouthpiece Respirator Mouthpiece and nose clip fitted with an ABEK 15 escape filter sealed together in an aluminum-barrier bag. Aluminium barrier bag is packed in a robust case.	3704479	933	1
Replacement Filter			
Spare part set Dräger PARAT 3160 Half mask fitted with an ABEK 15 escape filter sealed in an aluminum barrier bag. Set includes a sealing tag to reseal the case.	R62626	933	1
Spare part set Dräger PARAT 3260 Mouthpiece and nose clip fitted with an ABEK 15 escape filter sealed in an aluminium barrier bag. Set includes a sealing tag to reseal the case.	R62627	933	1
Spare Parts Kit Lid			
Spare Parts Kit Lid Dräger PARAT 3160 Transparent cover including mounted PARAT 3160 donning pictogram and belt clip.	3703257	933	1
Spare Parts Kit Lid Dräger PARAT 3260 Transparent cover including mounted PARAT 3260 donning pictogram and belt clip.	3703258	933	1

Personal Protection Technology

Escape Equipment / Filter / Compressed Air / Oxygen Self-Rescuer

Description	Order Code	Product Category	Packing unit
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Training unit for PARAT 3160 and 3260

The training unit is designed for users who want to train the use of the escape devices. The training units include an empty filter dummy which can be hygienically cleaned after use. Additionally the training units are clearly marked as **"For Training Only"**.



Dräger PARAT 3100 (Training Unit)	3704881	933	1
Dräger PARAT 3200 (Training Unit)	3704884	933	1
Filter Dummy PARAT 3000 Empty filter housing for hygienic use in training devices.	R58345	933	5

Accessories for Dräger PARAT 3100 and 3200

Dräger PARAT 3000 escape devices are carried with users in case of an emergency. To enable a quick escape, various carrying options are available to easily and ergonomically ensure that the device is ready to use.

Grip Clip for Dräger PARAT 3000	3704420	933	1
Slip Guard Carabiner for Dräger PARAT 3000	3704422	933	1
Shoulder Strap for Dräger PARAT 3000	3704520	933	1
Hand Strap for Dräger PARAT 3000	3704519	933	1
Belt Clip (replacement) for Dräger PARAT 3000	3702205	933	1



Personal Protection Technology

Escape Equipment / Filter / Compressed Air / Oxygen Self-Rescuer

Description	Order Code	Product Category	Packing unit
Accessories for Dräger PARAT 3100 and 3200			
Sealing Strap for Dräger PARAT 3000	R56319	597	5
Sealing Tag Dräger PARAT 3000 (50 pieces white)	R56355	597	1
Spare Parts			
For the spare parts please refer to our spare parts list(s) which you receive on request:			
Dräger PARAT 3100 and 3200	E 1483.000		



Personal Protection Technology

Escape Equipment / Filter / Compressed Air / Oxygen Self-Rescuer

Description	Order Code	Product Category	Packing unit
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Filtering Escape Devices Dräger PARAT® 1200

Dräger PARAT® 1200 is an extra small mouthpiece / nose clip filtering escape device. It is equipped with a multi-gas ABEK filter that offers 10 minutes of protection against a variety of toxic industrial gases and vapours.

This compact lifesaver is approved to the only recognized standard for filtering industrial escape devices (DIN 58647-7). These products are only available in certain regions.



Dräger PARAT 1200

Wherever hazardous substances are present at the workplace, they may suddenly appear in high concentrations. The Dräger PARAT 1200 with an ABEK 10 escape filter ensures the protection of the worker along the escape route for 10 minutes.



Dräger PARAT 1200 Mouthpiece Respirator

Mouthpiece and nose clip fitted with an ABEK 10 escape filter in a robust case.

3702149

933

1

Training unit for PARAT 12x0

The training unit is designed for users who want to train the use of the escape devices. The training unit includes an empty filter dummy. Additionally, the training unit is clearly marked as "For Training Only".



Dräger PARAT 12x0 (Training Unit)

3709691

933

1

Accessories for Dräger PARAT 12x0



Dräger PARAT 12x0 Carrying bag

Black carrying bag with an opening latch and integrated belt loop. Can be used as an optional carrying accessory for the PARAT 12x0.

3703736

933

1

Personal Protection Technology

Escape Equipment / Filter / Compressed Air / Oxygen Self-Rescuer

Description	Order Code	Product Category	Packing unit
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Filtering Escape Devices Dräger PARAT® 1260

Dräger PARAT® 1260 is an extra small mouthpiece / nose clip filtering escape device. Equipped with a multi-gas ABEK filter, it offers 10 minutes of protection against a variety of toxic industrial gases and vapours. It is approved to the only recognized standard for filtering industrial escape devices (DIN 58647-7).

In comparison to the Dräger PARAT® 1200 series, the Dräger PARAT® 1260 device and filter are vacuum sealed in an aluminium barrier bag, making it better suited for demanding climate conditions.



Dräger PARAT 1260

Wherever hazardous substances are present at the workplace, they may suddenly appear in high concentrations. The Dräger PARAT 1260 with an ABEK 10 escape filter ensures the protection of the worker along the escape route for 10 minutes.



Dräger PARAT 1260 Mouthpiece Respirator

Mouthpiece and nose clip fitted with an ABEK 10 escape filter sealed together in an aluminium barrier bag. Barrier bag packed in a robust case.

3702150

933

1

Training unit for PARAT 12x0

The training unit is designed for users who want to train the use of the escape devices. The training unit includes an empty filter dummy. Additionally, the training unit is clearly marked as "For Training Only".



Dräger PARAT 12x0 (Training Unit)

3709691

933

1

Accessories for Dräger PARAT 12x0



Dräger PARAT 12x0 Carrying bag

Black carrying bag with an opening latch and integrated belt loop. Can be used as an optional carrying accessory for the PARAT 12x0.

3703736

933

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Personal Protection Technology

Escape Equipment / Filter / Compressed Air / Oxygen Self-Rescuer

Description	Order Code	Product Category	Packing unit
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Escape Equipment Oxygen Self-Rescuers

The Dräger Oxy's are Self Rescuer devices for respiratory protection, independent from ambient air. Designed for use in environments where the danger of oxygen deficiency appears. The escape devices supply independent air for up to 60 minutes.

Suitable for temperature classes T1-T4 according to IEC 60079 / VDE 0171.

No regular pressure testing or weighing is required.

Recycling on request at your local Dräger partner.



Dräger Oxy SR (Configuration)

In order to accommodate a wide range of customer requirements each Dräger Oxy SR could be delivered according to the individual customer specifications. Personal training can be offered via the Dräger Academy.

Included
Necessary for operation
Optional / dependent on variant

	Included	Necessary for operation	Optional / dependent on variant		
Dräger Oxy SR - Series				515	1
Rated duration time / rated capacity					
30 minutes acc. EN 13794:2002				3715530	
60 minutes acc. EN 13794:2002				3715560	
Capacity 3 device under 42 CFR 84 subpart O (NIOSH)					
Training device					
Antistatic properties			•		
Breathing connection Mouthpiece and goggle silicone	•				
Device variant Housing with Safety Eye Foil with Safety Eye			•		
Heat indicator Heat indicator W/o Heat indicator	•		•		
RU retaining strap Rough Usage retaining strap W/o RU retaining strap	•		•		

Personal Protection Technology

Escape Equipment / Filter / Compressed Air / Oxygen Self-Rescuer

Description	Order Code	Product Category	Packing unit
RFID Tag UHF non writable	.		
Indicator Card English German Spanish French Polish		.	
Time variants 5 year variant 10 year variant		.	
Approval EN 13794:2002 EN 13794:2002 S (Mining – Apparatus designed for underground use) Homologation SANS 10338:2009 (South Africa) long duration set Homologation CA (Brasil)	.	.	
Certificates Declaration of compliance Inspection certificate + add. costs for test device appear		.	
Instruction for Use Different languages and 2nd language		.	
Packaging Single device Bulk Container < SR 30 (108 pcs.) not applicable for air freight	.	.	
Device carrying connection Support ring hip for abrasion protection Support ring hip Support ring shoulder for abrasion protection Support ring shoulder		.	
Bag (non antistatic) Device requires support ring shoulder, without shoulder belt.		.	
Wall / Vehicle bracket		.	

The information regarding the accessories can be found under the heading "Accessories".
Not all variants can be combined.

Personal Protection Technology

Escape Equipment / Filter / Compressed Air / Oxygen Self-Rescuer

Description	Order Code	Product Category	Packing unit
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Purchase numbers

With the Dräger Oxy SR 30 and SR 60 you have the chance to choose between different purchase numbers.

Dräger Oxy SR 30 – 5 year lifetime

Without support ring and abrasion protection Without heat indicator and without RU retaining strap.	3720627	515	1
Without support ring and abrasion protection With heat indicator and without RU retaining strap.	3720640	515	1

Dräger Oxy SR 30 – 10 year lifetime

Without support ring and abrasion protection Without heat indicator and with RU retaining strap.	3720661	515	1
Without support ring and abrasion protection With heat indicator and with RU retaining strap.	3720675	515	1

Dräger Oxy SR 60 – 5 year lifetime

Without support ring and abrasion protection Without heat indicator and without RU retaining strap.	3720683	515	1
Without support ring and abrasion protection With heat indicator and without RU retaining strap.	3720695	515	1

Dräger Oxy SR 60 – 10 year lifetime

Without support ring and abrasion protection Without heat indicator and with RU retaining strap.	3720711	515	1
Without support ring and abrasion protection With heat indicator and with RU retaining strap.	3720724	515	1

Personal Protection Technology

Escape Equipment / Filter / Compressed Air / Oxygen Self-Rescuer

Description	Order Code	Product Category	Packing unit
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Accessories for Dräger Oxy SR 30



Abrasion protection The abrasion protection can be mounted later. For this it could be necessary that the original support ring must be replaced.	3715554	515	1
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Support ring hip With connection for abrasion protection	3715550	515	1
Support ring hip Without connection for abrasion protection	3715551	515	1



Support ring shoulder With connection for abrasion protection	3715552	515	1
Support ring shoulder Without connection for abrasion protection	3715553	515	1
Return Packaging	3715558	515	1



Oxy SR Hip belt Hip belt with antistatic coating, which is washable. Belt width: 3,8 cm. Belt length: adjustable from 70 cm – 115 cm	3715595	515	1
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Personal Protection Technology

Escape Equipment / Filter / Compressed Air / Oxygen Self-Rescuer

Description	Order Code	Product Category	Packing unit
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Accessories for Dräger Oxy SR 60 / CAP III



Abrasion protection The abrasion protection can be mounted later. For this it could be necessary that the original support ring must be replaced.	3715584	515	1
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Support ring hip With connection for abrasion protection	3715580	515	1
Support ring hip Without connection for abrasion protection	3715581	515	1



Support ring shoulder With connection for abrasion protection	3715582	515	1
Support ring shoulder Without connection for abrasion protection	3715583	515	1
Return Packaging	3715588	515	1

Personal Protection Technology

Escape Equipment / Filter / Compressed Air / Oxygen Self-Rescuer

Description	Order Code	Product Category	Packing unit
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Accessories for Dräger Oxy SR



Oxy SR Belt Belt with antistatic coating and reflective side stitching. Belt width: 3,8 cm. Belt length: adjustable from 55 cm – 130 cm	3715590	515	1
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Device bracket The bracket can be used as wall- or vehicle bracket.	3715599	515	1
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Oxy SR Bag Designed and manufactured in Europe in lightweight. This bag features comfort as well as protection for your self-rescuer.	3715555	515	1
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Tool adapter protective indicator window Torque wrench adapter for replacing the protective window of Oxy SR devices or training devices. Width across flats 13mm or 1/4 inch. The torque wrench is not included in the scope of delivery.	3735811	515	1
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Metabolic simulator adapter Adapter for connecting self-rescuers to a metabolic simulator. Different diameters can be provided on request.	3720666	515	1
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Personal Protection Technology

Escape Equipment / Filter / Compressed Air / Oxygen Self-Rescuer

Description	Order Code	Product Category	Packing unit
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Training device for Dräger Oxy SR

Training device for Dräger Oxy's with a dummy KO₂-cartridge and without a live starter. Designed to train the opening, donning and breathing of an oxygen Self Rescuer. The dimensions and weight of the training unit are comparable with the Dräger Oxy SR. The breathing bag does not fill with oxygen.

The support ring, shoulder belt, hip belt and abrasion protection and are not included in the training device.



Training device 30	via configurator	515	1
Training device 60	via configurator	515	1

Accessories for Training Device

Please have a look at the accessories for Oxy SR 30 and 60.



Mouthpiece assembly Simulates the breathing resistance of the Dräger Oxy SR. The mouthpiece assembly can be attached to the training device to practice donning of a self rescuer.	3715510	515	1
Practice simulator Simulates the breathing resistance and inhalation temperature of the Dräger Oxy SR. The practice simulator can be attached to the training device to practice donning and breathing of a self rescuer. The simulation time is approximately 10 minutes. One time usage.	3715515	515	1

Spare Parts

For the spare parts please refer to our spare part list(s) which you receive on request.

Personal Protection Technology

Escape Equipment / Filter / Compressed Air / Oxygen Self-Rescuer

Description	Order Code	Product Category	Packing unit
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Emergency Escape Breathing Device (EEBD) – Dräger Saver PP

Complete unit contained in an easy-to-don carrying bag for escape from hazardous environments.

Medical check-up in accordance with G 26 not required.

- Tested according to EN 402:2003 and approved under the PPE Regulation (EU) 2016/425
- Tested according to ISO 23269-1:2008 and approved under the Marine Equipment Directive 2014/90/EU (MED/3.41)
- IMO and SOLAS approved
- Anti-static versions are suitable for use in explosive (Zone 0) atmospheres



Dräger Saver PP

Complete unit comprising:

- Full face mask with special rubber head harness for quick donning of the mask
- Positive pressure lung demand valve covered with non-slip silicone protective cap
- Reliable design
- No mandatory routine service for 10 years
- Cylinder with special valve: opens automatically when opening the bag
- Standard charging connector G 5/8" at the valve, chargeable without any special tools or adapters
- Charging level indicator can be read from the outside of the bag
- Antistatic (AS) variants available in black soft bag



Product Options:

Carbon composite light weight cylinder option (CC). H₂S chemical resistant diaphragm option (H₂S). As well as the original CEJN, Hansen and Foster coupling connections are also available (C) (H) (F).

Secondary Air Supply

The Saver PP series comes with the option of a supplementary air supply connection for use in muster stations and emergency assembly areas. The airline connection provides the user with protection in prolonged escape scenarios.



Saver PP Hard Case Versions (HC)

Complete unit comprising of a hard case carry system. The hard case eliminates the requirements for a separate wall box, allowing the unit to hang directly on the wall for fast access and speed of donning. All versions are suitable for use in explosive (Zone 0) atmospheres. Discharged hard case versions are only orderable through the Luebeck configurator numbers.



Personal Protection Technology

Escape Equipment / Filter / Compressed Air / Oxygen Self-Rescuer

Description	Order Code	Product Category	Packing unit
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Ordering

Please note, when ordering through Luebeck please use the R4500* configurator number and select options required. Through the configurator the unique order codes can be selected.

KEY

H2S (Chemical Resistant LDV)
 CC (Carbon Composite Cylinder)
 Airline C (CEJN Coupling)
 Airline H (Hansen Coupling)
 Airline F (Foster Coupling)
 AS (Antistatic Bag)
 HC (Hard Case)
 -30 (approved down to -30°C)

R45004 – Saver PP15 Configurator

Operating period of Saver PP15 variants: 15 minutes

All equipped with: Charged steel cylinder 3 L / 200 bar

Dräger Saver PP15 (Discharged 3363825)	3359747	529	1
Dräger Saver PP15 AS (Discharged 3363821)	3359749	529	1
Dräger Saver PP15 Airline C	3359755	529	1
Dräger Saver PP15 AS Airline C (Discharged 3364310)	3359757	529	1
Dräger Saver PP15 AS H2S (Discharged 3366859)	3364816	529	1
Dräger Saver PP15 AS H2S Airline C (Discharged 3367671)	3367814	529	1
Dräger Saver PP15 -30 (Discharged 3702302)	3702303	529	1
Dräger Saver PP15 AS -30 (Discharged 3702304)	3702305	529	1
Dräger Saver PP15 HC	3359752	529	1
Dräger Saver PP15 HC Airline C	3359760	529	1

KEY

H2S (Chemical Resistant LDV)
 CC (Carbon Composite Cylinder)
 Airline C (CEJN Coupling)
 Airline H (Hansen Coupling)
 Airline F (Foster Coupling)
 AS (Antistatic Bag)
 HC (Hard Case)
 -30 (approved down to -30°C)

Personal Protection Technology

Escape Equipment / Filter / Compressed Air / Oxygen Self-Rescuer

Description	Order Code	Product Category	Packing unit
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R45004 – Saver PP15 Configurator

Operating period of Saver PP15 variants: 15 minutes

All equipped with: Charged carbon composite cylinder

3 L / 200 bar

Dräger Saver PP15 CC AS H2S (Discharged 3366858)	3364817	529	1
Dräger Saver PP15 CC AS H2S Airline C (Discharged 3366854)	3364818	529	1
Dräger Saver PP15 CC AS H2S Airline H	3364819	529	1
Dräger Saver PP15 CC AS H2S Airline F	3364831	529	1
Dräger Saver PP15 CC AS Airline H	3364849	529	1

R45005- Saver PP10 Configurator

Operating period of Saver PP10 variants: 10 minutes

All equipped with: Charged aluminium cylinder 2 L / 200 bar

Dräger Saver PP10 (Discharged 3363823)	3359746	529	1
Dräger Saver PP10 AS (Discharged 3364791)	3359748	529	1
Dräger Saver PP10 Airline C (Discharged 3364789)	3359754	529	1
Dräger Saver PP10 AS Airline C	3359756	529	1
Dräger Saver PP10 HC	3359751	529	1
Dräger Saver PP10 HC Airline C	3359759	529	1

KEY

H2S (Chemical Resistant LDV)
 CC (Carbon Composite Cylinder)
 Airline C (CEJN Coupling)
 Airline H (Hansen Coupling)
 Airline F (Foster Coupling)
 AS (Antistatic Bag)
 HC (Hard Case)
 -30 (approved down to -30°C)

Personal Protection Technology

Escape Equipment / Filter / Compressed Air / Oxygen Self-Rescuer

Description	Order Code	Product Category	Packing unit
Accessories Dräger Saver PP			
Saver waistbelt	3350396	529	1
Security tab	3350388	599	5
Wall bracket (for hard case versions)	3360516	529	1
EEBD Carry Case	3350424	529	1
EEBD Cabinet	3351823	529	1
Wall mounting kit for EEBD carry case	3350431	529	1
Saver REX Overhaul			
To give an efficient and cost effective way of completing the essential service as per the manufacturing recommendations of Saver series Saver REX option is available. This is a repair and exchange program providing a convenient and simple service overhaul.			
Saver REX Receive a completely restored Saver in exchange for an old			
Service Order Information – Order codes for service kit (Daughter Company)			
Saver CF Valve REX Kit	3361461		
Saver PP Reducer REX Kit	3361472		
Customer Order Information – End customer order codes			
Saver PP REX	3361644		
Please contact your local Dräger service centre for prices and availability.			

Personal Protection Technology

Escape Equipment / Filter / Compressed Air / Oxygen Self-Rescuer

Description	Order Code	Product Category	Packing unit
-------------	------------	------------------	--------------

Emergency Escape Breathing Device (EEBD) – Dräger Saver CF

Complete unit contained in an easy-to-don carrying bag for escape from hazardous environments. Medical check-up in accordance with G 26 not required.

- Tested according to EN 1146:2005 and approved under the PPE Regulation (EU) 2016/425
- Tested according to ISO 23269-1:2008 and approved under the Marine Equipment Directive 2014/90/EU (MED/3.41)
- IMO and SOLAS approved
- All anti-static versions are suitable for use in explosive (Zone 0) atmospheres



Dräger Saver CF

Complete unit comprising:

- Fast easy don hood
- Reliable design
- No mandatory routine service for 10 years
- Cylinder with special valve: opens automatically when opening the bag
- Standard charging connector G 5/8" at the valve, chargeable without any special tools or adapters
- Charging level indicator can be read from the outside of the bag
- Antistatic (AS) variants available in black soft bag and hard case



Product Options:

Dräger Saver CF15 SE

Incorporating a unique neck seal to the hood, manufactured from a highly corrosive resistant rubber.

Dräger Saver CF15 CC

Saver CF15 (CC)- Developed to meet the increasing demand for a lighter weight escape device this addition to the Dräger Saver CF portfolio utilises a 3L 200 bar carbon composite cylinder.

Saver CF Hard Case Versions

Complete unit comprising of a hard case carry system. The hard case eliminates the requirement for a separate wall box, allowing the unit to hang directly on the wall for fast access and speed of donning. - All versions are suitable for use in explosive (Zone 0) atmospheres. Discharged hard case versions are only orderable through the Luebeck configurator numbers.



Personal Protection Technology

Escape Equipment / Filter / Compressed Air / Oxygen Self-Rescuer

Description	Order Code	Product Category	Packing unit
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Ordering

Please note, when ordering through Luebeck please use the R4500* configurator number and select options required. Through the configurator the unique order codes can be selected.

KEY

CC (Carbon Composite Cylinder)

AS (Antistatic Bag)

HC (Hard Case)

SE (Appropriate for Harsh Marine Environments)

R45002- Saver CF15 Configurator

Operation period of Saver CF15: 15 minutes

Equipped with: Charged steel cylinder 3 L / 200 bar unless stated otherwise.

Dräger Saver CF15 (Discharged 3363826)	3359735	529	1
Dräger Saver CF15 AS (Discharged 3364314)	3359737	529	1
Dräger Saver CF15 SE (Discharged 3363820)	3359742	529	1
Dräger Saver CF15 AS SE (Discharged 3364315)	3359743	529	1
Dräger Saver CF15 CC (Discharged 3364558)	3360789	529	1
Dräger Saver CF15 CC AS SE (Discharged 3700040)	3700039	529	1
Saver CF15 - HC	3359740	529	1
Saver CF15 HC SE	3359744	529	1

KEY

CC (Carbon Composite Cylinder)

AS (Antistatic Bag)

HC (Hard Case)

SE (Appropriate for Harsh Marine Environments)

R45003 - Saver CF10 Configurator

Operation period of Saver CF10: 10 minutes

Equipped with: Charged aluminium cylinder 2 L / 200 bar.

Dräger Saver CF10 (Discharged 3363824)	3359734	529	1
Dräger Saver CF10 AS (Discharged 3364313)	3359736	529	1
Saver CF10 HC	3359739	529	1

Personal Protection Technology

Escape Equipment / Filter / Compressed Air / Oxygen Self-Rescuer

Description	Order Code	Product Category	Packing unit
Spare Compressed-air Cylinders			
Dräger Saver CF10 Aluminium cylinder 2 L / 200 bar, charged	3350255	520	1
	R45009 (Lübeck HUB)		
Dräger Saver CF15 Steel cylinder 3 L / 200 bar, charged	3350256	520	1
	R45008 (Lübeck HUB)		
Accessories Dräger Saver CF			
Anti-static bag for Dräger Saver CF10	3350646	529	1
Anti-static bag for Dräger Saver CF15	3350647	529	1
Saver waistbelt	3350396	529	1
Security tab	3350388	529	5
Wall bracket (for hard case versions)	3360516	529	1
EEBD Carry Case	3350424	529	1
EEBD Cabinet	3351823	529	1
Wall mounting kit for EEBD carry case	3350431	529	1
Saver REX Overhaul			
To give an efficient and cost effective way of completing the essential service as per the manufacturing recommendations of Saver series Saver REX option is available. This is a repair and exchange program providing a convenient and simple service overhaul.			
Saver REX Receive a completely restored Saver in exchange for an old			
Service Order Information – Order codes for service kit (Daughter Company)			
Saver CF Valve REX Kit	3361460		
Customer Order Information – End customer order codes			
Saver CF REX	3361640		
Please contact your local Dräger service centre for prices and availability.			

Personal Protection Technology

Escape Equipment / Filter / Compressed Air / Oxygen Self-Rescuer

Description	Order Code	Product Category	Packing unit
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Emergency Escape Breathing Device (EEBD) – Dräger Saver CF (N)

Complete unit contained in an easy-to-don carrying bag for escape from hazardous environments.

Medical check-up in accordance with G 26 not required.

- Tested according to NIOSH
- ABS and SOLAS approvals



Dräger Saver CF (N)

Complete unit comprising:

- Fast easy don hood
- Reliable design
- No mandatory routine service for 10 years
- Cylinder with special valve: activates automatically when opening the bag
- Standard charging connector G 5/8" at the valve, chargeable without any special tools or adapters
- Charging level indicator can be read from the outside of the bag



Product Options:

The new Dräger Saver (N) series with one carry system option (orange vinyl bag) for high visibility and ease of ordering with 5, 10, 15 minute options. As standard all products provided with automatic activation for improved wearer confidence and safety.

Dräger Saver CF10 (N) (Discharged 3364930) Operation period: 10 minutes Equipped with: Charged aluminium cylinder 3000psi, 15 CU ft	4042056	529	1
Dräger Saver CF5 (N) (Discharged 3364931) Operation period: 5 minutes Equipped with: Charged aluminium cylinder 3000psi, 9CU ft	4042055	529	1
Accessories Dräger Saver CF			
Saver waistbelt	3350396	529	1
Security tab	3350388	599	5

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Dräger PAS Colt	362	Dräger PSS 4000 Pneumatic (Hub Config)	399
Dräger PAS Colt NIOSH	367	Safety Belt IB Mods	402
Dräger PAS Micro	371	Dräger PSS Lung Demand Valves	403
Dräger PAS Lite	375	Dräger PAS Automatic Switch-Over Valve [ASV]	405
Dräger PAS Lite NIOSH	378	Dräger Rescue Pack System RPS 3500	408
Dräger PSS 7000 NFPA 2018	381	Dräger PSS Airboss Active	414
Dräger Bodyguard Upgrade Kits	384	Dräger PSS Airboss Active Configurator	419
Dräger PSS 5000 HUB NFPA 2018	386	Dräger PSS Airboss Agile	422
Dräger PSS 3000	389	Dräger PSS Airboss Agile Configurator	426
Dräger PSS 3000 NIOSH	393	Dräger PSS AirBoss Connect	429
Dräger PSS 4000	395	Dräger PSS AirBoss Connect / Configurator	434

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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PAS® Colt

PAS Colt 10, 15 and 20 minute breathing Apparatus.

A short duration breathing Apparatus with an ergonomic design and high resistance to friction as well as being impervious to water, chemicals and oils. The distinctive, sophisticated bandolier style harness design which retains its form and releasable cylinder for simple entrance into confined spaces etc.

Basic equipment with integrated cylinder covering and medium pressure line with safety quick-connect coupling for the connection of all PSS lung demand valves. Now also available including integrated PAS ASV (Automatic Switch-over Valve) for connection to an airline system – for ultimate protection should the airline fail.

Prices shown are without cylinder

Some versions require separate LVD - refer to key



PAS® COLT - Short duration entry unit – Approved to EN137

Gauge and high pressure whistle warning units, sounding at 105 Bar, are located at the waist to enable easy and regular checking during operation.



KEY

Lung Demand Valve (LDV)

Low Pressure Whistle Warning Unit (LP WWU)

High Pressure Whistle Warning Unit (HP WWU)

Automatic Switch-over Valve (PAS ASV)

Plus LDV A – Push-in

Plus LDV AE – M45

Plus LDV N – RD40

	Plus LDV fitted	LDV Required	LP WWU included	HP WWU included	HP Gauge included	HP Indicator on cylinder	PAS ASV included			
PAS Colt - EN137 Compatible cylinder (3L 200 Bar ST)		.		.	.			3352634 3353813	519	1
PAS Colt - EN137 Compatible cylinder (3L 300 Bar CC)		.		.	.			3352920 3353811	519	1
PAS Colt - EN137 compatible cylinder (3L 300Bar Type 4)		.		.	.			3712919	519	1
PAS Colt - EN137 Compatible cylinder (2L 300Bar CC)		.		.	.			3352635 3353810	519	1
PAS Colt - EN137 to BGR190 Compatible cylinder (2L 300Bar CC) Special equipment with a total weight under 5Kg				.	.			3360449 3353810	519	1

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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PAS® Colt - Short duration entry unit with PAS® ASV and Airline belt manifold - Approved to EN137 & EN14593 pt1

Gauge and high pressure whistle warning units, sounding at 105 Bar, are located at the waist to enable easy and regular checking during operation and includes the PAS ASV (Automatic Switch-over Valve) for connection to an airline system - for ultimate protection should the airline fail.

KEY

Lung Demand Valve (LDV)

Low Pressure Whistle Warning Unit (LP WWU)

High Pressure Whistle Warning Unit (HP WWU)

Automatic Switch-over Valve (PAS ASV)

Plus LDV A - Push-in

Plus LDV AE - M45

Plus LDV N - RD40

	Plus LDV fitted	LDV Required	LP WWU included	HP WWU included	HP Gauge included	HP Indicator on cylinder	PAS ASV included			
PAS Colt – EN137 / EN14593 Compatible cylinder (3L 200 Bar ST)	A		•	•	•		•	3358026 3353813	519	1
PAS Colt – EN137 / EN14593 Compatible cylinder (3L 300 Bar CC)	A		•	•	•		•	3358027 3353811	519	1
PAS Colt – EN137 / EN14593 compatible cylinder (3L 300Bar Type 4)	A		•	•	•		•	3712919	519	1
PAS Colt – EN137 / EN14593 Compatible cylinder (2L 300 Bar CC)	A		•	•	•		•	3358028 3353810	519	1

PAS® Colt - Escape unit - Approved to EN402

For emergency escape Apparatus. The pressure indicator is integrated into the cylinder valve to allow for easy periodical inspection.

Escape – EN402 Compatible cylinder (2L 200Bar AL)	A					•		3352761 3353737	519	1
Escape – EN402 compatible cylinder (3L 300 bar type 4)	A					•		3712919	519	1
Escape – EN402 Compatible cylinder (3L 200 Bar ST) or Compatible cylinder (3L 300 Bar CC)	A					•		3352744 3353813 3353811	519	1
Escape – EN402 Compatible cylinder (2L 300Bar CC)	A					•		3352778 3353810	519	1

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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PAS® Colt - Escape unit with PAS® ASV and Airline belt manifold - Approved to EN402 & EN14593-1

When used independently or in conjunction with Dräger's PAS AirPack 1 or 2 Airline systems, for airline emergency escape breathing apparatus (EN 402), or dual function (EN402 / EN 14593 part 1) includes the PAS ASV (Automatic Switch-over Valve) for connection to an airline system – for ultimate protection should the airline fail. The pressure gauge is integrated into the cylinder valve to allow for easy periodical inspection.

KEY

Lung Demand Valve (LDV)

Low Pressure Whistle Warning Unit (LP WWU)

High Pressure Whistle Warning Unit (HP WWU)

Automatic Switch-over Valve (PAS ASV)

Plus LDV A – Push-in

Plus LDV AE – M45

Plus LDV N – RD40

	Plus LDV fitted	LDV Required	LP WWU included	HP WWU included	HP Gauge included	HP Indicator on cylinder	PAS ASV included			
PAS Colt – EN402 / EN14593-1 Compatible cylinder (3L 200 Bar ST) or Compatible cylinder (3L 300 Bar CC)	A		•				•	3358023 3353813 3353811	519	1
PAS Colt – EN402 / EN14593-1 Compatible cylinder (2L 200Bar AL)	A		•				•	3358024 3353737	519	1
PAS Colt – EN402 / EN14593-1 compatible cylinder (3L 300Bar Type 4)	A		•				•	3712919	519	1
PAS Colt – EN402 / EN14593-1 Compatible cylinder (2L 300Bar CC)	A		•				•	3358025 3353810	519	1

PAS® Colt - Airline Belt Manifold only – Approved to EN14593-1

For use in conjunction with Dräger's PAS AirPack 1 or 2 Airline systems, for airline operation only.

PAS Colt Airline Harness Fixed LDV and includes LP WWU	A		•					3352942	519	1
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Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Additional System Components required for operation

Lung Demand Valve			
Plus LDV Short Hose Push in	3338700		
Plus LDV Short Hose Push in 33 38 700 but with polymer diaphragm for use in H2S environments.	3338967		
Plus LDV Short Hose M45	3338706		
Plus LDV Short Hose M45 As 33 38 706 but with polymer diaphragm for use in H2S environments.	3338968		
Plus LDV Short Hose M40	3350501		
Plus LDV Short Hose M40	3338969		
Plus LDV ESA	3351302		
Plus LDV ESA As 33 51 302 but with polymer diaphragm for use in H2S environments.	3351333		
PAS COLT Accessories			
Airline Belt Manifold	3352564	519	1
Airline belt Manifold c/w WWU (this product requires 3338700 LDV)	3352565	519	1
PAS ASV - COLT Kit Permanent fit unit for use in conjunction with the PAS Colt	3354140	519	1
PAS Colt leg strap	3353281	519	1
PAS carry bag	3354491	592	1
Facemask			
Dräger Panorama Nova EPDM PC P	R52972		See separate price
Dräger Panorama Nova Silicone PC P	R53070		See separate price
Dräger Panorama Nova Standard P	R54450		See separate price
Dräger FPS 7000	All versions		See separate price

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
Compressed Air Cylinders			
Cylinder and valve assemblies for EN137-1 (working use)			
Cylinder (3 L / 200 bar ST)	3353813		
Cylinder (3 L / 300 bar CC)	3353811		
Cylinder (2 L / 300 bar CC)	3353810		
Cylinder (2L 300 bar Type 4)	3712918		
Cylinder (3 L / 300 bar Type 4)	3712919		
Cylinder and valve assemblies for EN402 (escape use)			
Cylinder (3 L / 300 bar CC) select valve w contents gauge	3354782 3353811		
Cylinder (2 L / 300 bar CC) select valve w contents gauge	3354782 3353810		
Cylinder (2 L / 200 bar AL) select valve w contents gauge	3352694 3353737		
Cylinder (3 L / 200 bar ST) select valve w contents gauge	3352694 3353813		
Cylinder (2L 300 bar Type 4) select valve w contents gauge	3712918		
Cylinder (3L / 300 Bar Type 4) Select valve w contents gauge	3712919		

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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PAS® Colt NIOSH

PAS Colt 5 and 10 minute breathing Apparatus for Airline only, escape or Airline and escape applications. The PAS Colt NIOSH is a airline breathing apparatus with an ergonomic design and high resistance to friction as well as being impervious to water, chemicals and oils.

The distinctive, sophisticated bandolier style harness design which retains its form, and features a releasable cylinder for simple entrance into confined spaces etc. Basic equipment with integrated cylinder covering and medium pressure line with direct connection to the option of the standard push or flushing design PSS lung demand valve. Now also available including integrated PAS ASV (Automatic Switch-over Valve) – for ultimate protection should the external air supply fail.

Approved to NIOSH 42 CFR part 84 – 19C for supplied Air devices and 13F for Escape devices

Prices shown are without cylinder



PAS® Colt – 19C SAR only

For extended duration (Supplied-Air)

** the customer option airline connector needs to be added to the units with an ANPT (T) connection

KEY

Lung Demand Valve (LDV)

Automatic Switch-over Valve (PAS ASV)

Plus LDV S – Standard Push-in

Airline connection Type C – CEJN

Airline connection Type T -1/4" ANPT**

	Plus LDV fitted	Airline included	Airline connection type	LP WWU included	PAS ASV included			
PAS COLT NIOSH SAR ONLY CEJN	S	•	C			3360075	519	1
PAS COLT NIOSH SAR ONLY CEJN WWU	S	•	C	•		3360064	519	1
PAS COLT NIOSH SAR ONLY 1/4 ANPT	S	•	T			3360077	519	1

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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PAS® Colt – 13F Escape only

For escape from IDLH atmospheres

KEY

Lung Demand Valve (LDV)

Automatic Switch-over Valve (PAS ASV)

Plus LDV S – Standard Push-in

Airline connection Type C – CEJN

Airline connection Type T -1/4" ANPT **

	Plus LDV type	Airline included	Airline connection type	LPWWU included	PAS ASV included	Order Code	Product Category	Packing unit
PAS COLT NIOSH Basic 5min Cylinder 4054744	S					3359833	519	1
PAS COLT NIOSH Basic 10min Cylinder (AL) 4055061 (Discharged Cylinder is 3702231)	S					3359851	519	1



PAS® Colt – 13F Airline Escape

For extended duration (Supplied-Air) use in ILDH atmospheres with escape capability in case of emergency or if the external air supply fails ** the customer optional airline connector needs to be added to the units with an ANPT (T) connection

	Plus LDV type	Airline included	Airline connection type	LPWWU included	PAS ASV included	Order Code	Product Category	Packing unit
PAS COLT NIOSH 5min Airline Cylinder 4054744	S	•	C			3359837	519	1
PAS COLT NIOSH 5min Airline ANPT Cylinder 4054744	S	•	T			3359841	519	1
PAS COLT NIOSH 10min Airline Cylinder (AL) 4055061 (Discharged Cylinder is 3702231)	S	•	C			3360025	519	1
PAS COLT NIOSH 10min Airline ANPT Cylinder (AL) 4055061 (Discharged Cylinder is 3702231)	S	•	T			3359847	519	1



Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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PAS® Colt – 13F Airline Escape with WWU

Supplied-Air versions with a low pressure whistle warning unit to warn the user when the external air supply has failed.

** The customer option airline connector needs to be added to the units with the ANPT (T) thread connection

KEY

Lung Demand Valve (LDV)

Automatic Switch-over Valve (PAS ASV)

Plus LDV S – Standard Push-in

Airline connection Type C – CEJN

Airline connection Type T -1/4" ANPT **

	Plus LDV type	Airline included	Airline connection type	LP WWU included	PAS ASV included	Order Code	Product Category	Packing unit
PAS COLT NIOSH 5min Airline WWU Cylinder 4054744	S	.	C	.	.	3359839	519	1
PAS COLT NIOSH 10min Airline WWU Cylinder (AL) 4055061 (Discharged Cylinder is 3702231)	S	.	C	.	.	3359845	519	1



PAS® Colt – 13F Airline Escape with the Dräger PAS® ASV

With the added security of the Dräger PAS ASV, meaning if the external air supply should fail, the automatic switch over valve will ensure un-interrupted air supply to the wearer. Also includes a WWU, fitted in the airline to warn the user that the external air supply has failed.

Approved for use to a low temperature of 14°F (-10°C)

** The customer option airline connector needs to be added to the units with the ANPT (T) thread connection

	Plus LDV type	Airline included	Airline connection type	LP WWU included	PAS ASV included	Order Code	Product Category	Packing unit
PAS COLT NIOSH Basic 5min ASV Cylinder 4054744	S	.	T	.	.	3359834	519	1
PAS COLT NIOSH Basic 10min ASV Cylinder (AL) 4055061 (Discharged Cylinder is 3702231)	S	.	T	.	.	3359861	519	1



Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Additional System Components required for operation

Facemasks			
Dräger Panorama Nova EPDM PC P	R52972	422	
Dräger Panorama Nova Silicone PC P	R53070	422	
FPS 7000 – EPDM (medium)	R56200	422	
FPS 7000 – EPDM (medium) with anti-scratch visor	R57820	422	
FPS 7000 – EPDM (small)	R56249	422	
FPS 7000 – EPDM (large)	R56300	422	
Cylinder assemblies with ALE type (escape) valve			
5 minute 2216 psi Aluminium (AL) yellow (filled)	4054744	528	
10 minute 3000 psi Aluminium (AL) yellow (Filled)	4055061	520	
10 minute 3000 psi Aluminium (AL) yellow (empty)	3702231	520	
Cylinder assemblies with SCBA type valve			
5 minute 2216 psi Aluminium (AL) yellow	4057549	528	
Cylinders can also be ordered via US03 Configurator R62938			
Airline connectors (required for ANPT airline options)			
¼" ANPT to Hansen male coupling (SS)	4050437	528	1
¼" ANPT to Schrader male coupling	4059054	528	1
¼" ANPT to CEJN male coupling	4059080	528	1
PAS COLT Accessories			
PAS ASV – NIOSH Colt Kit (CEJN) Permanent fit unit for use in conjunction with the Dräger PAS Colt. Approved to NIOSH regulations and includes Dräger CEJN input coupling The PAS ASV is approved for use to a temperature of 18°F(-10°C)	3359598	519	1
PAS ASV – NIOSH Colt Kit (ANPT) Permanent fit unit for use in conjunction with the Dräger PAS Colt. Approved to NIOSH regulations and includes an ANPT thread connection in prePARATION for the required airline coupling The PAS ASV is approved for use to a temperature of 18°F(-10°C)	3359761	519	1
PAS Colt leg strap	3353281	519	1
LDV Holder (Push In)	3357527	516	1
PAS carry bag	3354491	599	1

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CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Dräger PAS® Micro

Dräger PAS Micro 10, 15 and 20 minute breathing Apparatus. A short duration breathing Apparatus with easier, ergonomic back mounted design, high resistance to friction as well as being impervious to water, chemicals and oils. Basic equipment with medium pressure line and safety quick-connect coupling for the connection of all Dräger PSS lung demand valves.

Also including integrated Dräger PAS ASV (Automatic Switch-over Valve) options for connection to an airline system - for ultimate protection should the airline fail.

Prices shown are without cylinder.



PAS® Micro - Short duration entry unit - Approved to EN137

Gauge and high pressure whistle warning units, sounding at 105 bar, are located at the waist to enable easy and regular checking during operation.

KEY

Lung Demand Valve (LDV)

Low Pressure Whistle Warning Unit (LP WWU)

High Pressure Whistle Warning Unit (HP WWU)

Automatic Switch-over Valve (PAS ASV)

Plus LDV A - Push-in

Plus LDV AE - M45

Plus LDV N - RD40

Plus LDV fitted

LDV Required

LP WWU included

HP WWU included

HP Gauge on hose

HP Indicator on cylinder

PAS ASV included



PAS Micro EN 137	Plus LDV fitted	LDV Required	LP WWU included	HP WWU included	HP Gauge on hose	HP Indicator on cylinder	PAS ASV included	Order Code	Product Category	Packing unit
		•		•	•			3352640	519	1

PAS® Micro - Short duration entry unit with PAS ASV and Airline belt manifold - Approved to EN137 & EN14593 pt1

Gauge and high pressure whistle warning units, sounding at 105Bar, are located at the waist to enable easy and regular checking during operation and includes the PAS ASV (Automatic Switch-over Valve) for connection to an airline system - for ultimate protection should the airline fail.

PAS Micro EN 137 & EN14593 pt1	Plus LDV fitted	LDV Required	LP WWU included	HP WWU included	HP Gauge on hose	HP Indicator on cylinder	PAS ASV included	Order Code	Product Category	Packing unit
		•	•	•	•		•	3358032	519	1

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CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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PAS® Micro - Escape unit - Approved to EN402

The pressure indicator is integrated into the cylinder valve to allow for easy periodical inspection.

KEY

Lung Demand Valve (LDV)

Low Pressure Whistle Warning Unit (LP WWU)

High Pressure Whistle Warning Unit (HP WWU)

Automatic Switch-over Valve (PAS ASV)

Plus LDV A - Push-in

Plus LDV AE - M45

Plus LDV N - RD40

	Plus LDV fitted	LDV Required	LP WWU included	HP WWU included	HP Gauge on hose	HP Indicator on cylinder	PAS ASV included	Order Code	Product Category	Packing unit
PAS Micro EN 402	A					•		3352924	519	1

PAS® Micro - Escape unit with PAS ASV & Airline belt manifold - Approved to EN402 & EN14593 pt1

When used independently or in conjunction with Dräger's PAS AirPack 1 or 2 Airline systems, for airline emergency escape breathing apparatus (EN 402), or dual function (EN 402 / EN 114593 pt1), which includes the PAS ASV (Automatic Switch-over Valve) for connection to an airline system – for ultimate protection should the airline fail.

The pressure gauge is integrated into the cylinder valve to allow for easy periodical inspection

	Plus LDV fitted	LDV Required	LP WWU included	HP WWU included	HP Gauge on hose	HP Indicator on cylinder	PAS ASV included	Order Code	Product Category	Packing unit
PAS Micro c/w PAS ASV EN402 / EN14593 pt1	A					•	•	3358031	519	1

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CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Additional System Components required for operation

Lung Demand Valve			
Plus LDV Short Hose Push in	3338700		
Plus LDV Short Hose Push in 3338700 but with polymer diaphragm for use in H ₂ S environments.	3338967		
Plus LDV Short Hose M45	3338706		
Plus LDV Short Hose M45 As 3338706 but with polymer diaphragm for use in H ₂ S environments.	3338968		
Plus LDV Short Hose M40	3350501		
Plus LDV Short Hose M40 As 3350501 but with polymer diaphragm for use in H ₂ S environments.	3338969		
Plus LDV ESA	3351302		
Plus LDV ESA As 3351302 but with polymer diaphragm for use in H ₂ S environments.	3351333		
Facemask			
Dräger Panorama Nova EPDM PC P	R52972		
Dräger Panorama Nova Silicone PC P	R53070		
Dräger Panorama Nova Standard P	R54450		
Dräger FPS 7000	All versions		
Compressed Air Cylinders			
Cylinder and valve assemblies for EN137-1 (working use)			
Cylinder (3 L / 300 bar CC)	3353811		
Cylinder (3 L / 300 bar Type 4)	3712919		
Cylinder (2 L / 300 bar CC)	3353810		
Cylinder (3 L / 200 bar ST)	3353813		
Cylinder and valve assemblies for EN402 (escape use)			
Cylinder (3 L / 300 bar CC) select valve w contents gauge 3354782	3353811		
Cylinder (3 L / 300 bar Type 4) select valve w contents gauge 3354782	3353819		
Cylinder (2 L / 300 bar CC) select valve w contents gauge 3354782	3353810		
Cylinder (2 L / 200 bar AL) select valve w contents gauge 3352694	3353737		

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CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Accessories Dräger PAS Micro

Dräger PAS ASV - Micro Kit Permanent fit unit for use in conjunction with the Dräger PAS Micro.	3354141	519	1
Dräger PAS Micro – Lifeguard Waistcoat for use with a Dräger PAS Micro.	3356512	519	1

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Dräger PAS® Lite

The Dräger PAS Lite has been developed to meet the fundamental needs for self-contained supplied air complete with carrying harness in industrial firefighting applications.

The carrying system features an ultra lightweight, high strength carbon composite space-frame having excellent impact, heat and chemical resistance, as well as outstanding durability. The innovative harness design ensures an excellent weight distribution at the shoulders. The fully integrated hose design also means that hoses can be replaced easily and cost effectively. Furthermore, this enables the user to change the hose position from one side to another to suit individual preference. Our SCBA is designed for use with single steel or carbon composite cylinders rated at 4 to 9 L, 200 and 300 bar.

Integrating easily with all Dräger PAS Airline equipment, this flexible breathing Apparatus is also fully compatible with Dräger Panorama Nova and FPS 7000 face mask ranges.

This unit is approved according to EN 137:2006 type 2.



KEY

PSS LDV A – Dräger Push-in (P)

PSS LDV AE – M45 (M)

PSS LDV N – RD40 (R)

	PSS LDV fitted	Quick Release Coupling	PAS ASV and Airline	LDV-Mask Connection			
Dräger PAS Lite - A	•			P	3357774	902	1
Dräger PAS Lite - AE	•			M	3358253	902	1
Dräger PAS Lite - QRC		•		--	3358254	902	1
Dräger PAS Lite - Airline A	•		•	P	3358255	902	1

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CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Additional System Components required for operation

For Facemasks and Compressed air cylinders please refer to corresponding section of price lists

Accessories			
Dräger PAS ASV for PAS Lite (permanent fit) Permanent fit unit for use in conjunction with Dräger PAS Lite Breathing Apparatus.	3358850	519	1
Dräger PAS ASV for PAS Lite (permanent fit) - CPS Permanent fit unit for use in conjunction with Dräger PAS Lite Breathing Apparatus. This unit is suitable for use in conjunction with chemical protective suit ventilation systems	3358874	519	1
Dräger PAS ASV – Quick-FIT Occasional fit unit for use in conjunction with Dräger PAS Lite Breathing Apparatus.	3354244	519	1
2nd MP combined connector kit 2nd MP Combined Connector Hose – Waist (Unsecured - 135°) - LF	3358870	516	1
2nd MP combined connector kit 2nd MP Combined Connector Hose – Waist (Secured - 135°) - LF	3358868	516	1
2nd MP combined connector kit 2nd MP Combined Connector Hose (Hansen Steel HK LL2 K16) – Waist (Secured - 135°) - LF	3358871	516	1
2nd MP connector kit 2nd MP Connector Hose – Waist (Secured 45°) – Male	3358872	516	1
2nd MP connector kit 2nd MP Decontamination Hose Kit (unsecured) - Male	3358869	516	1
2nd MP connector kit 2nd MP Rescue Coupling Hose (QRC) kit (unsecured) - Female	3358867	516	1
Lung Demand Valve			
Plus LDV Short Hose Push In As 3338700 but with polymer diaphragm for use in H ₂ S environments	3338700	527	1
	3338967	527	1
Plus LDV Short Hose M45 as 3338706 but with polymer diaphragm for use in H ₂ S environments	3338706	527	1
	3338968	527	1
Plus LDV Short Hose RD40 As 335501 but with polymer diaphragm for use in H ₂ S environments	3350501	527	1
	3338969	527	1
Plus LDV ESA As 3351302 but with polymer diaphragm for use in H ₂ S environments	3351302	527	1
	3351333	527	1
Plus LDV RD40 1.75m (rescue only)	3350606	527	1

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CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
LDV Holder (Push In)	3357527	516	1
LDV Holder (M45)	3357528	516	1
LDV Holder (ESA/RD40)	3357526	516	1
Waist belt D-Ring Loop (for webbing waist pad)	3334968	516	1
Shoulder D-ring loop	3335241	972	1
Cylinder cover (PVC) 6.8 L / 300 bar	3310619	520	1
Cylinder cover (PVC) 9.0 L / 200 bar	3310620	520	1
Cylinder cover (PVC) 9.0 L / 300 bar	3310621	520	1
Cylinder cover (Nomex) 6.8 L / 300 bar	3310622	520	1
Cylinder cover (Nomex) 8.0 L / 300 bar	3310889	520	1
Cylinder cover (Nomex) 9.0 L / 300 bar	3310624	520	1
Complimentary Products			
Breathing Apparatus Set Hardshell Carrying Case (Orange) Material: High Density Polyethylene (HDPE) Size: 740 x 515 x 285 mm,Weight: 6.8 Kg	3335412	516	1
Breathing Apparatus Holdall Carrying Bag Material: Nylon Holdall with polyester handles Size: 762 x 381 x 381 mm, Weight: 1.6 Kg	3356473	516	1
Wall Mounted Storage cabinet (polycarbonate) Material: ABS base / Polycarbonate front Size: 890 x 590 x 285 mm, Weight: 6.0 kg Fitted with 150mm bracket for up to 6.8L cylinder	3310260	516	1
Storage cabinet (stainless steel) powder coated Size: : 750 x 400 x 360 mm, Weight: 17.4 kg No cylinder bracket included with this cabinet	3358827	516	1
Safety/Lifeline (Tested to ISO 23269-2 for MED approval)	3362313	516	1

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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PAS® Lite compliant with NIOSH

Industrial environments can be dangerous and your SCBA needs to withstand these types of conditions. If you need respiratory protection for an immediately dangerous to life or health (IDLH) environment, then the Dräger PAS Lite meets your needs. The Dräger PAS Lite lets you concentrate on the job at hand, not on your equipment.

Basic set consisting of:

- Carbon composite antistatic space frame
- Moulded handles for easy carrying
- Waist belt adjustment
- Camlock cylinder strap to accommodate single steel and carbon composite cylinders sizes in the range 30 minute 2216 psi to 60 minute 4500 psi.
- Balanced 1st stage reducer for 2216 and 4500 psi cylinders.
- Approved to NIOSH (42 CFR 82).
- Photo-luminescent pneumatic pressure gauge.
- Pneumatic warning whistle integrated into 1st stage pressure reducer.

Options:

- PI LDV for Dräger Panorama Nova facemask or flushing LDV for Dräger FPS7000 facemask (see separate pricelist for this option)
- Airline options with integrated Dräger automatic switch-over valve (Dräger PAS ASV) for connection to an airline system - for ultimate protection should the airline fail.
- Plus LDV fitted with H₂S resistant Lung Demand Valve (LDV)
- Comfort waist pad



	Plus LDV fitted	LDV Required	PAS ASV and Airline	LDV connection			
PAS Lite - 2216	•			Push-In	3358743	902	1
PAS Lite - 4500	•			Push-In	3358744	902	1
PAS Lite - Airline 2216	•		•	Push-In	3358911	902	1
PAS Lite - Airline 4500	•		•	Push-In	3358912	902	1
PAS Lite - ChargAir 2216	•			Push-In	3358904	902	1
PAS Lite - ChargAir 4500	•			Push-In	3358905	902	1
PAS Lite - 2216 QRC		•		----	3360453	902	1
PAS Lite - 4500 QRC		•		----	3360454	902	1

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CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
Lung Demand Valve			
Plus LDV Short Hose Push in	3338712	527	1
Polymer Diaphragm for use in H2S for LDV 3338712	3338751	527	1
SCBA Cylinders			
Charged			
30-minute 2216 psi Aluminium with valve	4054856	501	1
30-minute 2216 psi Carbon Composite with valve	4055701	501	1
30-minute 4500 psi Carbon Composite with valve	4055700	501	1
45-minute 4500 psi Carbon Composite with valve	4055698	501	1
60-minute 4500 psi Carbon Composite with valve	4055699	501	1
Discharged			
30-minute 2216 psi Aluminium with valve	4059668	501	1
30-minute 2216 psi Carbon Composite with valve	4059669	501	1
30-minute 4500 psi Carbon Composite with valve	4050000	501	1
45-minute 4500 psi Carbon Composite with valve	4059670	501	1
60-minute 4500 psi Carbon Composite with valve	4059671	501	1
Accessories			
Permanent fit unit for use in conjunction with Dräger PAS Lite Breathing Apparatus and an external air supply.	3358886	519	
Permanent fit unit for use in conjunction with Dräger PAS Lite Breathing Apparatus and an external air supply.	3359019	519	
Occasional fit unit for use in conjunction with Dräger PAS Lite Breathing Apparatus and an external air supply.	3354568	519	
Waist pad	3358236	972	1
LDV Holder (Push In)	3357527	516	1
Waist belt D-Ring Loop (for webbing waist pad)	3334968	516	1
Shoulder D-ring loop	3335241	972	1

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CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Complimentary Products

Breathing Apparatus Holdall Carrying Bag Material: Nylon Holdall with polyester handles Size: 762 x 381 x 381 mm, Weight: 1.6 Kg	3356473	516	1
Wall Mounted Storage cabinet (polycarbonate) Material: ABS base / Polycarbonate front Size: 890 x 590 x 285 mm, Weight: 6.0 kg Fitted with 150mm bracket for up to 6.8L cylinder	3310260	516	1
Breathing Apparatus Set Hardshell Carrying Case (Orange) Material: High Density Polyethylene (HDPE) Size: 740 x 515 x 285 mm,Weight: 6.8 Kg	3335412	516	1
Storage cabinet (stainless steel) powder coated Size: : 750 x 400 x 360 mm, Weight: 17.4 kg No cylinder bracket included with this cabinet	3358827	516	1
2nd MP combined connector kit 2nd MP Combined Connector Hose – Waist (Unsecured - 135°) - LF	3358870	516	1
2nd MP combined connector kit 2nd MP Combined Connector Hose – Waist (Secured - 135°) - LF	3358868	516	1
2nd MP combined connector kit 2nd MP Combined Connector Hose (Hansen Steel HK LL2 K16) – Waist (Secured - 135°) - LF	3358871	516	1
2nd MP connector kit 2nd MP Connector Hose – Waist (Secured 45°) – Male	3358872	516	1
2nd MP connector kit 2nd MP Decontamination Hose Kit (unsecured) - Male	3358869	516	1
2nd MP connector kit 2nd MP Rescue Coupling Hose (QRC) kit (unsecured) - Female	3358867	516	1

For Storage cabinets please see price list:

CABE products

Compressed air breathing Apparatus

Storage Cabinets for Draeger – SCBA and EEBD

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CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Dräger PSS® 7000 Compliant with NFPA 1981:2018 ED

The Draeger PSS 7000 SCBA provides unrivalled comfort, durability and safety, even in the harshest of environments. Combining ergonomics with trusted pneumatics, flexible fit and cylinder quick connect, PSS 7000 frees you to concentrate on the task at hand.



Dräger PSS® 7000 Sentinel® 7000

PSS 7000			
PSS 7000 Sentinel 7000 HP CGA	3367103	526	1
PSS 7000 Sentinel 7000 LP CGA	3367102	526	1
PSS 7000 Sentinel 7000 HP QC	3367105	526	1
PSS 7000 Sentinel 7000 LP QC	3367104	526	1

SCBA is supplied with Lung Demand Valve and LDV holder

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CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
Accessories			
FPS 7000 HUD In-mask Display	3356555	516	1
Sentinel 7000 AA Battery Pack	3356556	524	1
Plus LDV (NFPA 2018)	3367430	527	1
LDV Holder (NFPA 2018)	3367431	516	1
Charging Adaptor QC HP	3357116	516	1
Charging Adaptor QC LP	3357113	516	1
Cylinder QC Adaptor HP	3357114	516	1
Cylinder QC Adaptor LP	3357115	516	1
Buddy Breather Assembly - 40"	3367426	516	1
Buddy Breather Pouch (NFPA 2018)	3367467	516	1
PC link Software (inc Interface Module)	3356560	524	1
Bodyguard 7000 Personal ID Cards (pack of 10)	3356561	516	1



Buddy Breather



FPS 7000 HUD



PSS 7000 Interface Module

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CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Cylinders

Charged

30-minute 2216 psi Aluminium with valve	4054856	501	1
30-minute 2216 psi Carbon Composite with valve	4055701	501	1
30-minute 4500 psi Carbon Composite with valve	4055700	501	1
45-minute 4500 psi Carbon Composite with valve	4055698	501	1
60-minute 4500 psi Carbon Composite with valve	4055699	501	1
30 minute 4500 psi Luxfer Eclipse Carbon Composite with valve	3701912	501	1
45 minute 4500 psi Luxfer Eclipse Carbon Composite with valve	3701914	501	1
60 minute 4500 psi Luxfer Eclipse Carbon Composite with valve	3701913	501	1
45 minute 4500 psi Luxfer Superlite Carbon Composite with valve	3703119	501	1
60 minute 4500 psi Luxfer Superlite Carbon Composite with valve	3703121	501	1

Discharged

30-minute 2216 psi Aluminium with valve	4059668	501	1
30-minute 2216 psi Carbon Composite with valve	4059669	501	1
30-minute 4500 psi Carbon Composite with valve	4050000	501	1
45-minute 4500 psi Carbon Composite with valve	4059670	501	1
60-minute 4500 psi Carbon Composite with valve	4059671	501	1
30 minute 4500 psi Luxfer Eclipse Carbon Composite with valve	3701911	501	1
45 minute 4500 psi Luxfer Eclipse Carbon Composite with valve	3701910	501	1
60 minute 4500 psi Luxfer Eclipse Carbon Composite with valve	3701909	501	1
45 minute 4500 psi Luxfer Superlite Carbon Composite with valve	3703120	501	1
60 minute 4500 psi Luxfer Superlite Carbon Composite with valve	3703122	501	1

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CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Dräger Bodyguard® 7000 Upgrade Kits

Electronic monitoring unit features:

- Integrated ADSU and distress signalling
- Visual & acoustic warnings & alarms
- Easy push-button operation
- Digital display and analogue representation of cylinder pressure
- User configurable
- Enhanced display with scrolling text
- Automatic self tests and system tests
- Data log with personal ID
- PC link software
- Time to whistle
- Choice of operation modes
- Lightweight user friendly design



Bodyguard 7000

The Dräger Bodyguard 7000 is an electronic monitoring unit which provides continuous monitoring of personal information and operational status of the Dräger PSS 7000 and PSS 5000 Self Contained Breathing Apparatus.



Bodyguard 7000 Upgrade kit (Button) excluding battery pack	3357101	524	1
Bodyguard 7000 Upgrade kit (Tally) excluding battery pack	3357098	524	1
Dräger PSS 7000 Accessories and upgrades PSS 7000 Electronics			
Bodyguard 7000 AA battery pack (set of 5 batteries included)	3356556	524	1
Bodyguard 7000 PC Interface Module (incl.PC Software)	3356560	524	1
Bodyguard 7000 Personal ID Cards (pack of 10)	3356561	526	1
Bodyguard 7000 NiMh battery pack (non PSS Merlin Modem use)	3361471	592	1
Bodyguard 7000 NiMh battery pack (for use with PSS Merlin Modem)	3358121	524	1

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CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
Carrying System Upgrade Kits			
Harness PSS 4000 Upgrade Kit	3364173	558	1
Carrying System Upgrade PSS 5000 DP with Single Cylinder Strap	3360176	523	1
Carrying System Upgrade PSS 5000 DP with Universal Cylinder Strap	3360177	523	1
Carrying System Upgrade PSS 7000 with Single Cylinder Strap	3360178	525	1
Carrying System Upgrade PSS 7000 with Universal Cylinder Strap	3360179	525	1
Upgrade Kit PSS 4000 Twin (phase 1)	3366925	558	1
Upgrade Kit PSS 4000 Twin (phase 2)* *includes yoke	3366929	558	1
Additional Pneumatic Upgrade Accessories			
PSS 7000 Pneumatic Gauge and PSS 7000 MP Hose with Bulbous Coupling	3360262	972	1
Bodyguard 7000 Upgrade Kit (Button-Version)	3357101	524	1
Bodyguard 7000 Upgrade Kit (Tally-Version)	3357098	524	1

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CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Dräger PSS® 5000 – Compliant with NFPA 1981:2018 ED.

The Draeger PSS 5000 SCBA is a high performance breathing Apparatus for the professional firefighter. Combining advanced ergonomics with a wide range of configurable options the Draeger PSS 5000 provides the user with comfort and versatility to meet the demands of first responders whenever breathing protection is required.



Dräger PSS® 5000 Sentinel® 7000

PSS 5000			
PSS 5000 Sentinel 7000 HP CGA	3367095	522	1
PSS 5000 Sentinel 7000 LP CGA	3367094	522	1
PSS 5000 Sentinel 7000 HP QC	3367097	522	1
PSS 5000 Sentinel 7000 LP QC	3367096	522	1

SCBA is supplied with Lung Demand Valve and LDV holder

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CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
Accessories			
FPS 7000 HUD In-mask Display	3356555	524	1
Sentinel 7000 AA Battery Pack	3356556	524	1
Plus LDV (NFPA 2018)	3367430	527	1
LDV Holder (NFPA 2018)	3367431	516	1
Charging Adaptor QC HP	3357116	516	1
Charging Adaptor QC LP	3357113	516	1
Cylinder QC Adaptor HP	3357114	516	1
Cylinder QC Adaptor LP	3357115	516	1
Buddy Breather Assembly - 40"	3367426	516	1
Buddy Breather Pouch (NFPA 2018)	3367467	516	1
PC link Software (inc Interface Module)	3356560	524	1
Bodyguard 7000 Personal ID Cards (pack of 10)	3356561	516	1



Buddy Breather



FPS 7000 HUD



PSS 7000 Interface Module

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
Cylinders			
Charged			
30-minute 2216 psi Aluminium with valve	4054856	501	1
30-minute 2216 psi Carbon Composite with valve	4055701	501	1
30-minute 4500 psi Carbon Composite with valve	4055700	501	1
45-minute 4500 psi Carbon Composite with valve	4055698	501	1
60-minute 4500 psi Carbon Composite with valve	4055699	501	1
30 minute 4500 psi Luxfer Eclipse Carbon Composite with valve	3701912	501	1
45 minute 4500 psi Luxfer Eclipse Carbon Composite with valve	3701914	501	1
60 minute 4500 psi Luxfer Eclipse Carbon Composite with valve	3701913	501	1
45 minute 4500 psi Luxfer Superlite Carbon Composite with valve	3703119	501	1
60 minute 4500 psi Luxfer Superlite Carbon Composite with valve	3703121	501	1
Discharged			
30-minute 2216 psi Aluminium with valve	4059668	501	1
30-minute 2216 psi Carbon Composite with valve	4059669	501	1
30-minute 4500 psi Carbon Composite with valve	4050000	501	1
45-minute 4500 psi Carbon Composite with valve	4059670	501	1
60-minute 4500 psi Carbon Composite with valve	4059671	501	1
30 minute 4500 psi Luxfer Eclipse Carbon Composite with valve	3701911	501	1
45 minute 4500 psi Luxfer Eclipse Carbon Composite with valve	3701910	501	1
60 minute 4500 psi Luxfer Eclipse Carbon Composite with valve	3701909	501	1
45 minute 4500 psi Luxfer Superlite Carbon Composite with valve	3703120	501	1
60 minute 4500 psi Luxfer Superlite Carbon Composite with valve	3703122	501	1

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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PSS® 3000

Entry level SCBA designed for comfort of the wearer. If you need respiratory protection for an immediately dangerous to life or health (IDLH) environment, then the PSS 3000 meets your needs. The PSS 3000 is a light weight fully padded SCBA giving simple operation, excellent breathing protection and comfort for longer operational activities. Basic set consisting of:

- Carbon composite antistatic space frame
- Moulded handles for easy carrying
- Integrated hoses into the space frame
- Padded shoulder and waist
- Pull forward Waist Belt adjustment
- Camlock rubberised cylinder strap to accommodate single steel and carbon composite cylinders
- Balanced 1st stage reducer
- Approved to meet your requirements incl EN137:2006 type 2, MED, GOST and TRCU.
- Photo-luminescent pneumatic pressure gauge.
- Pneumatic warning whistle integrated into pressure gauge at the chest
- Metal buckles

Options:

- LDV for Panorama Nova facemask or for FPS 7000 facemask (see separate pricelist for this option in your country)
- Airline options with automatic switch-over valve (PAS ASV) for connection to an airline system – for ultimate protection should the airline fail.
- ChargAir option for rapid filling of HP Cylinder
- Plus LDV fitted with H2S resistant Lung Demand Valve (LDV)



Dräger PSS® 3000

Bodyguard® 1500 Integrated Personal Alert Safety System (PASS)

- Integrated Wireless ADSU and distress signalling
- Visual and acoustic warning & alarms
- User configurable intermediate pressure alerts
- Easy operated button (back-light and for data download)
- User configurable
- Automatic self tests and system tests
- Data log
- PC Link software
- Flashing LED low pressure air alert

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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PSS® 3000

	Quick Release Coupling	Cylinder connection			
PSS 3000	•	DIN	3357794	518	1
PSS 3000 fixed LDV		DIN	3358906	518	1
PSS 3000 with TX Gauge	•	DIN	3360984	513	1
PSS 3000 CH with TX Gauge	•	DIN	3360986	513	1
PSS 3000 with Tx Gauge Fixed LDV		DIN	3360985	513	1

Additional System Components Required for Operation

Facemasks and Compressed Air Cylinders

For Facemasks and Compressed Air cylinders Please refer to corresponding section of pricelists

Upgrade Kits

TX Gauge Kit (including Bodyguard 1500 PASS)	3360992	524	1
TX Gauge Kit	3360139	524	1
Bodyguard 1500 PASS (Button)	3360839	524	1
Bodyguard 1500 PAS (Tally)	3360840	524	1
PSS 7000 PC Link Module including software	3356560	524	1
H.P. Hose Assembly	3357284	972	1

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
Accessories			
Dräger PAS ASV – Occasional-FIT Airline only	3354244	519	1
Dräger PAS ASV – Occasional-FIT CPS	3354568	519	1
Dräger PAS ASV – Permanent-FIT Airline only	3358850	519	1
Dräger PAS ASV – Permanent-FIT CPS	3358874	519	1
Dräger PAS ASV – Quick-All QRC	3354405	519	1
2nd MP Combined Connector Hose – Waist (Unsecured - 135°) - LF	3358870	516	1
2nd MP Combined Connector Hose – Waist (Secured - 135°) - LF	3358868	516	1
2nd MP Combined Connector Hose (Hansen Steel HK LL2 K16) – Waist (Secured - 135°) - LF	3358871	516	1
2nd MP Connector Hose – Waist (Secured 45°) – Male	3358872	516	1
2nd MP Decontamination Hose Kit (unsecured) - Male	3358869	516	1
2nd MP Rescue Coupling Hose (QRC) kit (unsecured) - Female	3358867	516	1
LDV Holder (Push In)	3357527	516	1
LDV Holder (M45)	3357528	516	1
Waist belt D-Ring Loop (for webbing waist pad)	3334968	516	1
Shoulder D-ring Loop	3335241	972	1
PVC Cylinder cover Blue 6.8L 300 bar	3310619	520	1
PVC Cylinder cover Blue 9.0L 200 bar	3310620	520	1
PVC Cylinder cover Blue 9.0L 300 bar	3310621	520	1
Nomex Cylinder cover, Blue, 6.8l 300 bar	3310622	520	1
Nomex Cylinder cover, Blue, 9l 300 bar	3310624	520	1

Additional System Components Required for Operation

Lung Demand Valve (LDV)			
Plus LDV Short Hose Push in	3338700	527	1
As 3338700 but with polymer diaphragm for use in H ₂ S environments	3338967	527	1
Plus LDV Short Hose M45	3338706	527	1
As 3338706 but with polymer diaphragm for use in H ₂ S environments	3338968	527	1
Plus LDV Short Hose RD40	3350501	527	1
As 3350501 but with polymer diaphragm for use in H ₂ S environments	3338969	527	1
Plus LDV ESA	3351302	527	1
As 3351302 but with polymer diaphragm for use in H ₂ S environments	3351333	527	1
Plus LDV RD40 1.75m (rescue only)	3350606	527	1

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Complimentary Products			
PSS Rescue hood	3354982	516	1
RPS 3500 (Rescue Pack System)	3356824	516	1
Breathing Apparatus Set Hardshell Carrying Case (Orange) Material: High Density Polyethylene (HDPE) Size: 740 x 515 x 285 mm,Weight: 6.8 Kg	3335412	516	1
Breathing Apparatus Holdall Carrying Bag Material: Nylon Holdall with polyester handles Size: 762 x 381 x 381 mm, Weight: 1.6 Kg	3356473	516	1
Safety/Lifeline (Tested to ISO 23269-2 for MED approval)	3362313	516	1

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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PSS® 3000 Niosh

An entry level SCBA designed for comfort of the wearer. If you need respiratory protection for an immediately dangerous to life or health (IDLH) environment, then the PSS 3000 meets your needs. The PSS 3000 is a light weight fully padded SCBA giving simple operation, excellent breathing protection and comfort for longer operational activities.

Basic set consisting of:

- Carbon composite antistatic space frame
- Moulded handles for easy carrying
- Hoses integrated into the space frame
- Padded shoulder and waist
- Pull sideways waist belt adjustment
- Camlock rubberised cylinder strap to accommodate single steel and carbon composite cylinders
- Balanced 1st stage reducer
- Approved to meet requirements of NIOSH.
- Photo-luminescent pneumatic pressure gauge.
- Pneumatic warning whistle integrated into pressure gauge at the chest

Options:

- LDV for FPS 7000 or Panorama Nova facemask
- Airline options with automatic switch-over valve (PAS ASV) for connection to an airline system – for ultimate protection should the airline fail.
- ChargAir option for rapid filling of HP Cylinder.
- Charging hose available
- Plus LDV with and without diaphragm flushing
- Polymer diaphragm for H2S environment



PSS® 3000

	Quick Release Coupling	Cylinder connection			
PSS 3000 NIOSH 2216 PSI	•	CGA	3358746	518	1
PSS 3000 NIOSH 4500 PSI	•	CGA	3358747	518	1
PSS 3000 NIOSH CH 2216 PSI	•	CGA	3360715	518	1
PSS 3000 NIOSH CH 4500 PSI	•	CGA	3360716	518	1

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Additional System Components Required for Operation

Lung Demand Valve (LDV)			
Plus LDV Short Hose Push In	3338712	527	1
Polymer Diaphragm for use in H ₂ S for LDV 3338712	3338751	592	1
SCBA Cylinders			
30-minute 2216 psi Aluminium with Valve (filled)	4054856	501	1
30-minute 2216 psi Carbon Composite with Valve (filled)	4055701	501	1
30-minute 4500 psi Carbon Composite with Valve (filled)	4055700	501	1
45-minute 4500 psi Carbon Composite with Valve (filled)	4055698	501	1
60-minute 4500 psi Carbon Composite with Valve (filled)	4055699	501	1
30-minute 2216 psi Aluminium with Valve (un-filled)	4059668	501	1
30-minute 2216 psi Carbon Composite with Valve (un-filled)	4059669	501	1
30-minute 4500 psi Carbon Composite with Valve (un-filled)	4050000	501	1
45-minute 4500 psi Carbon Composite with Valve (un-filled)	4059670	501	1
60-minute 4500 psi Carbon Composite with Valve (un-filled)	4059671	501	1

Other cylinders available on request

Accessories			
Dräger PAS ASV – Automatic switch over valve for airline use please enquire for availability			
2nd MP Combined Connector Hose – Waist (Unsecured - 135°) - LF	3358870	516	1
2nd MP Combined Connector Hose – Waist (Secured - 135°) - LF	3358868	516	1
2nd MP Combined Connector Hose (Hansen Steel HK LL2 K16) – Waist (Secured - 135°) - LF	3358871	516	1
2nd MP Connector Hose – Waist (Secured 45°) – Male	3358872	516	1
2nd MP Decontamination Hose Kit (unsecured) - Male	3358869	516	1
2nd MP Rescue Coupling Hose (QRC) kit (unsecured) - Female	3358867	516	1
LDV Holder (Push In)	3357527	516	1
Waist belt D-Ring Loop (for webbing waist pad)	3334968	516	1
Shoulder D-ring loop	3335241	972	1
ChargAir upgrade kit 2216 psi	3359020	516	1
ChargAir upgrade kit 4500 psi	3359021	516	1

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Dräger PSS® 4000

The Dräger PSS 4000 SCBA is a high performance light weight breathing Apparatus for the professional fire fighter.

Combining advanced ergonomics with a wide range of configurable options the Dräger PSS4000 provides the user with comfort and versatility to meet the demands of first responders whenever breathing protection is required.

- Ergonomic carrying system
- Advanced harness
- Service friendly & easy to maintain
- Integrated and concealed hose routing
- Wide variety of system configurations and accessories
- Electronic Monitoring with the Dräger Bodyguard 1500 TXGauge

Utilising the established Dräger PSS Pneumatics and cylinder strap design, the Dräger PSS 4000 combines established technology, state-of-the-art materials and innovative thinking to create an SCBA for virtually any application

To allow the breathing Apparatus to be tailored to the required application, the Dräger PSS 4000 utilises state-of-the-art harness materials, which withstand the high wear and tear that firefighters face daily, whilst providing an enhanced level of comfort and function. Incorporating hardwearing stainless steel buckles and long-life Aramid blend webbing, the PSS 4000 is suitable for frequent use.



Dräger PSS® 4000

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
Dräger PSS® 4000			
PSS 4000 Pneumatic Gauge SCS	3363988	558	1
PSS 4000 Pneumatic Gauge TCS	3366863	558	1
PSS 4000 Fixed LDV Pneumatic Gauge SCS	3363989	558	1
PSS 4000 Fixed LDV Pneumatic Gauge TCS	3366864	558	1
PSS 4000 TX Gauge SCS	3363990	557	1
PSS 4000 TX Gauge TCS	3366865	557	1
PSS 4000 Fixed LDV TX Gauge SCS	3363991	557	1
PSS 4000 Fixed LDV TX Gauge TCS	3366866	557	1
PSS 4000 Charge Air Pneumatic Gauge TCS	3366870	558	1
PSS 4000 Charge Air Fixed LDV Pneumatic Gauge TCS	3366871	558	1
PSS 4000 Charge Air TX Gauge TCS	3366872	557	1
PSS 4000 Charge Air Fixed LDV TX Gauge TCS	3366873	557	1
Harness Pack PSS 4000	3364173	558	1
Upgrade Kits PSS 4000			
Upgrade Kit PSS 4000 Twin (phase 1)	3366925	558	1

*includes yoke

KEY

SCS Single Cylinder Strap

TCS Twin Cylinder Strap

TX Transmitter Gauge

BG Bodyguard 1500

LDV Lung Demand Valve

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Dräger PSS® 4000 – Accessories and Upgrades

Electronics			
TX Gauge Kit (Including Bodyguard 1500 Pass)	3360992	524	1
TX Gauge Kit	3360139	524	1
Bodyguard 1500 Pass (Button)	3360839	524	1
Bodyguard 1500 Pass (Tally)	3360840	524	1
FPS 7000 HUD In-mask Display	3356555	524	1
Battery (CR123A)	3356715	972	4
PC Link Module-Incl PC Software	3356560	524	1
Secondary Supply and Airline Accessories			
Dräger PAS ASV – Occasional-FIT Airline only	3354244	519	1
Dräger PAS ASV – Occasional-FIT CPS	3354568	519	1
Dräger PAS ASV – Permanent-FIT Airline only	3358850	519	1
Dräger PAS ASV – Permanent-FIT CPS	3358874	519	1
Dräger PAS ASV – Quick-All QRC	3354405	519	1
Y-Twin Female QRC MP Hose - Shoulder	3355848	516	1
2nd MP Combined Connector Hose – Waist - Unsecured - 45°	3356530	516	1
2nd Supply MP Combined Hose - Waist – (Secured, 135°)	3358403	516	1
2nd Supply MP Combined Hose - Waist – (Secured, 45°)	3358406	516	1
2nd MP Rescue Coupling Hose (QRC) kit (unsecured) - Female	3358867	516	1
2nd MP Decontamination Hose Kit (unsecured) - Male	3358869	516	1
Buddy Breather Pouch	3358596	516	1
General accessories			
Chest Strap	3339280	516	1
LDV Holder (Push In)	3357527	516	1
LDV Holder (M45)	3357528	516	1
LDV Holder (ESA / RD40)	3357526	516	1
Lung Demand Valves (LDV)			
PSS LDV Short Hose Push In	3338700	527	1
PSS LDV Short Hose Push In (H ₂ S) As 3338700 but with polymer diaphragm for use in H ₂ S environments	3338967	527	1
PSS LDV Short Hose M45	3338706	527	1
PSS LDV Short Hose M45 (H ₂ S) As 3338706 but with polymer diaphragm for use in H ₂ S environments	3338968	527	1
PSS LDV Short Hose RD40	3350501	527	1

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
PSS LDV Short Hose RD40 (H₂S) As 3350501 but with polymer diaphragm for use in H ₂ S environments	3338969	527	1
PSS LDV RD40 1.75m (rescue only)	3350606	527	1
PSS LDV Short Hose ESA	3351302	527	1
PSS LDV Short Hose ESA (H₂S) As 3351302 but with polymer diaphragm for use in H ₂ S environments	3351333	527	1
Complimentary Products			
PSS Rescue Hood	3354982	516	1
RPS 3500 (Rescue Pack System)	3356824	516	1
Breathing Apparatus Set Hardshell Carrying Case (Orange) Material: High Density Polyethylene (HDPE) Size: 740 x 515 x 285, Weight: 6.8 Kg	3335412	516	1
Breathing Apparatus Holdall Carrying Bag Material: Nylon Holdall with polyester handles Size: 762 x 381 x 381 mm, Weight: 1.6 Kg	3356473	516	1
Bodyguard 1000 - Button Version	3358684	524	1
Bodyguard 1000 - Tally Version	3358685	524	1
Bodyguard 1000 - Tally, Button Version	3359131	524	1

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Dräger PSS® 4000 pneumatic gauge / TX gauge – Configurator

The Dräger PSS 4000 SCBA is a high performance light weight breathing apparatus for the professional fire fighter.

Combining advanced ergonomics with a wide range of configurable options the Dräger PSS4000 provides the user with comfort and versatility to meet the demands of first responders whenever breathing protection is required.

- Ergonomic carrying system
- Advanced harness
- Service friendly & easy to maintain
- Integrated and concealed hose routing
- Wide variety of system configurations and accessories
- Electronic Monitoring with the Dräger Bodyguard 1500 TXGauge

Utilising the established Dräger PSS Pneumatics and cylinder strap design, the Dräger PSS 4000 combines established technology, state-of-the-art materials and innovative thinking to create an SCBA for virtually any application.

To allow the breathing apparatus to be tailored to the required application, the Dräger PSS 4000 utilises state-of-the-art harness materials, which withstand the high wear and tear that firefighters face daily, whilst providing an enhanced level of comfort and function. Incorporating hardwearing stainless steel buckles and long-life Aramid blend webbing, the PSS 4000 is suitable for frequent use.



Dräger PSS® 4000
with Tx gauge
& Bodyguard 1500 PASS

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Single Cylinder Strap

	A	B	DK	FIN	F	GER	H	I	N	NL	E	S	CH	GB				
PSS 4000 SCS [3363988]		3702075	558	1
PSS 4000 TX SCS [3363991]		3702075	557	1
PSS 4000 Fixed LDV SCS [3363989]		3702075	558	1

Universal Cylinder Strap

PSS 4000 TCS [3366863]	.	.	.	.	.	.	.	.	.	.	.	.	.	.		3702075	558	1
PSS 4000 TX TCS [3366865]	.	.	.	.	.	.	.	.	.	.	.	.	.	.		3702075	557	1
PSS 4000 Fixed LDV TCS [3366864]	.	.	.	.	.	.	.	.	.	.	.	.	.	.		3702075	558	1

KEY

SCS Single Cylinder Strap

TCS Universal Cylinder Strap

TX Transmitting Gauge

BG Bodyguard 1500

LDV Lung Demand Valve

Dräger PSS 4000 - Accessories and Upgrades Electronics			
FPS 7000 HUD In-Mask display	3356555	524	1
PC Interface Module (incl.PC Software)	3356560	524	1
Bodyguard 1500 PASS (Button)	3360839	524	1
Bodyguard 1500 PASS (Tally)	3360840	524	1
Secondary Supply & Airline Accessories			
2nd MP Combined Connector Hose – Waist (Unsecured - 135°) - LF	3358870	516	1
2nd MP Combined Connector Hose – Waist (Secured - 135°) - LF	3358868	516	1
2nd MP Combined Connector Hose (Hansen Steel HK LL2 K16) – Waist (Secured - 135°) - LF	3358871	516	1
2nd MP Connector Hose – Waist (Secured 45°) – Male	3358872	516	1
2nd MP Decontamination Hose Kit (unsecured) - Male	3358869	516	1
2nd MP Rescue Coupling Hose (QRC) kit (unsecured) - Female	3358867	516	1
Y-Twin Female QRC MP Hose - Shoulder	3355848	516	1
PSS ASV Kit	3358850	519	1
PSS ASV Kit (Permanent)	3358874	519	1

LF = Low Force (Quick release Coupling for ease of Connection and Disconnection of LDV to 2nd Medium Pressure connector hose whilst under SF – Standard Force

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
General Accessories			
Chest strap	3339280	516	1
LDV Holder (Push In)	3357527	516	1
LDV Holder (M45)	3357528	516	1
LDV Holder (ESA/RD40)	3357526	516	1
Lung Demand Valves (price includes fitting)			
for separate lung demand valves see separate price list			
Plus LDV Short Hose Push In	3338700	527	1
Plus LDV Short Hose Push In – As 3338700 but with polymer diaphragm for use in H ₂ S environments	3338967	527	1
Plus LDV Short Hose M45	3338706	527	1
Plus LDV Short Hose M45 – As 3338706 but with polymer diaphragm for use in H ₂ S environments	3338968	527	1
Plus LDV Short Hose RD40	3350501	527	1
Plus LDV Short Hose RD40 – As 3350501 but with polymer diaphragm for use in H ₂ S environments	3338969	527	1
Plus LDV ESA	3351302	527	1
Plus LDV ESA – As 3351302 but with polymer diaphragm for use in H ₂ S environments	3351333	527	1
Complimentary Products			
PSS Rescue hood	3354982	516	
RPS 3500 (Rescue Pack System)	3356824	516	
Breathing Apparatus Set Hard shell Carrying Case (Orange) Material: High Density Polyethylene (HDPE) Size: 740 x 515 x 285, Weight: 6.8 kg	3335412	516	
Breathing Apparatus Holdall Carrying Bag Material: Nylon Holdall with polyester handles Size: 762 x 381 x 381 mm, Weight: 1.6 Kg	3356473	516	

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Dräger PSS® Safety Belt

The Integrated Dräger PSS Safety Belt increases wearer safety in potentially hazardous situations by securing the fire fighter whilst working at height: providing work positioning and fall prevention and self-rescue. The multifunctional belt is designed to be easily integrated into the Dräger PSS 5000 DP, PSS 7000 and PSS AirBoss series, to safely anchor the wearer, without the need for an additional belt.



Upgrade Kits			
PSS AirBoss Active SCS, HA, SB	3716224	543	1
PSS AirBoss Active TCS, HA, SB	3716225	543	1
PSS AirBoss Active SCS, fixed height, SB	3716232	543	1
PSS AirBoss Active TCS, fixed height, SB	3716233	543	1
PSS Safety Belt PSS 5000*	3364199	516	
Spares / Accessories			
Lanyard Pouch Right - PSS Safety Belt	3364194	592	
Lanyard Pouch Left - PSS Safety Belt	3364195	592	

*PSS AirBoss uses PSS 5000 versions of PSS Safety Belt

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Lung Demand Valves

Practical, streamlined design: the PSS LDV is easy to operate and connect securely to your facemask. The positive pressure 'switch-off' button is located centrally, which allows for easy operation. It's uniquely contoured shape ensures that when fitted to the facemask it will not interfere with your field of vision.

Variants are available with polymer membrane for aggressive gas environments (e.g. H₂S) Reliable, service friendly and approved for use on Draeger SCBA and CABE products.



Lung Demand Valves			
DrägerMan PSS- Plus LDV Short Hose RD40 With type RD40 connection	3350501	527	1
DrägerMan PSS- Plus LDV Short Hose RD40 As 33 50 501 but with polymer diaphragm for use in H ₂ S environments	3338969	527	1
DrägerMan PSS- Plus LDV ESA With type ESA connection in accordance with DIN 58600	3351302	527	1
DrägerMan PSS- Plus LDV ESA As 33 51 302 but with polymer diaphragm for use in H ₂ S environments	3351333	527	1
DrägerMan PSS- Plus LDV Short Hose Push In With Dräger Push In (PI) connection	3338700	527	1
DrägerMan PSS- Plus LDV Short Hose Push In As 33 38 700 but with polymer diaphragm for use in H ₂ S environments	3338967	527	1
DrägerMan PSS- Plus LDV Short Hose M45 x3 With type M45 x3 connection	3338706	527	1
DrägerMan PSS- Plus LDV Short Hose M45 x3 As 33 38 706 but with polymer diaphragm for use in H ₂ S environments	3338968	527	1
DrägerMan PSS- Plus LDV RD40 1.75m Long hose (1.75m) with Dräger RD40 connection of use in rescue scenarios	3350606	527	1
DrägerMan PSS- Plus LDV NIOSH Push In Approved to NIOSH regulations with Dräger Push In (PI) connection	3338712	527	1
DrägerMan PSS- Plus LDV NFPA P18 Approved to NFPA 2018 regulations with Dräger P18 connection	3367430	527	1

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Lung Demand Valves (for use with Webbing harness)



LDV Holder (ESA/RD40) For use with LDV's with connection type: - ESA in accordance with DIN 58600 - RD 40 in accordance with EN 148-1	3357526	516	1
LDV Holder (Push In) For use with LDV's with Dräger Push In connection	3357527	516	1
LDV Holder (M45) For use with LDV's with connection type M45 x3	3357528	516	1

Lung Demand Valves (for use with PSS Airboss Multi Attachment point)

LDV Holder multi attachment shoulder & waist (ESA / RD40) For use with LDV's with connection type ESA in accordance with DIN 58600	3717658	516	1
LDV Holder multi attachment shoulder & waist (Push In) For use with LDV's with Dräger Push In connection	3717577	516	1
LDV Holder multi attachment shoulder & waist (M45) For use with LDV's with connection type M45 x3	3717578	516	1

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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PAS® ASV (Automatic Switch-over Valve)

The Dräger Automatic Switch-Over Valve (Dräger PAS ASV) enables the user to connect compressed air breathing apparatus to an external air supply, such as a factory ring main, and be safe in the knowledge that if the external supply were to fail, there would be a safe and uninterrupted transition to the wearer's back-up air supply. During the switch-over operation the Dräger PAS ASV maintains positive pressure within the facemask at all times, ensuring the breathing apparatus wearer is provided with optimum protection throughout their wearing duration.

All units, unless stated, include a Dräger airline connector as standard. Also available fitted to the range of Dräger Breathing apparatus - see separate price lists for part numbers and details.



Dräger PAS ASV



Dräger PAS ASV - Quick fit BA/CPS/QRC KIT All QRC Quick fit version available for easy integration with compressed air breathing Apparatus and chemical protective suits. For use in conjunction with Dräger PSS 3000 , PSS 4000 and PAS Lite Breathing Apparatus.	3354405	519	1
Dräger PAS ASV – CPS Kit Permanent fit unit for use in conjunction with chemical protection suit ventilation systems, for use in conjunction with Dräger PSS 3000, PSS 4000 and PAS Lite Breathing Apparatus.	3354568	519	1
Dräger PAS ASV – Colt Kit Permanent fit unit for use in conjunction with the Dräger PSS 3000, PSS 4000 and PAS Colt.	3354140	519	1

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
Dräger PAS ASV – Micro Kit Permanent fit unit for use in conjunction with the Dräger PAS Micro.	3354141	519	1
Dräger PAS ASV – PAS Lite/PSS 3000 Permanent fit unit for use in conjunction with Dräger PAS Lite, PSS 3000 and PSS 4000 Breathing Apparatus.	3358850	519	1
Dräger PAS ASV – PAS Lite/PSS 3000 - CPS Permanent fit unit for use in conjunction with Dräger PAS Lite, PSS 3000 and PSS 4000 Breathing Apparatus. This unit is suitable for use in conjunction with chemical protective suit ventilation systems.	3358874	519	1
Dräger PAS ASV – PSS 5000/7000 and AirBoss Occasional fit unit for use in conjunction with Dräger PSS 5000 and PSS 7000 Breathing Apparatus.	3355844	519	1
Dräger PAS ASV – PSS 5000/7000 and AirBoss Occasional fit unit for use in conjunction with Dräger PSS 5000 and PSS 7000 Breathing Apparatus. This unit is suitable for use in conjunction with chemical protective suit ventilation systems.	3357007	519	1
Dräger PAS ASV – PSS 5000/7000 and AirBoss Permanent fit unit for use in conjunction with Dräger PSS 5000 and PSS 7000 Breathing Apparatus.	3357618	519	1
Dräger PAS ASV – PSS 5000/7000 and AirBoss Occasional fit unit for use in conjunction with Dräger PSS 5000 and PSS 7000 Breathing Apparatus. This unit is suitable for use in conjunction with chemical protective suit ventilation systems.	3357733	519	1

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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PAS® ASV for NIOSH SCBA

PAS ASV – for PAS Lite / PSS 3000 Permanent Fit Permanent fit unit for use in conjunction with Dräger PAS Lite and PSS 3000 Breathing Apparatus. Approved to NIOSH regulations and includes an ANPT in preparation for the required coupling.	3358886	519	1
PAS ASV - for PAS Lite / PSS 3000 Permanent fit – CPS Permanent fit unit for use in conjunction with Dräger PSS 3000 and PAS lite Breathing apparatus. This unit is suitable for use in conjunction with chemical protection suit ventilation systems. Approved to NIOSH regulations and includes an ANPT in preparation for the required airline coupling.	3359019	519	1
Dräger PAS ASV – Colt Kit (CEJN) Permanent fit unit for use in conjunction with the Dräger PAS Colt. Approved to NIOSH regulations and includes Dräger CEJN input coupling.	3359598	519	1
Dräger PAS ASV – Colt Kit (ANPT) Permanent fit unit for use in conjunction with the Dräger PAS Colt. Approved to NIOSH regulations and includes an ANPT thread connection in preparation for the required airline coupling.	3359761	519	1
Accessories Dräger PAS ASV			
Service tool to check the ASV is operating correctly. Dräger PAS ASV Test equipment	3355839	519	1

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Dräger Rescue Pack System, RPS 3500

The Dräger RPS 3500 Rescue Pack System is designed for use by rapid intervention teams, allowing fire fighters to supply air to trapped colleagues or members of the public in hazardous atmospheres. The equipment is contained in an easy to carry, high visibility holdall, featuring a toughened skid plate layer on the underside which allows the pack to be deployed on the roughest of surfaces, and a shoulder strap and carrying handles for portability.

The compact unit is supplied complete with Dräger's Plus Series pressure reducer fitted with whistle warning unit and contents gauge, a medium pressure hose with carbine for attachment to the wearer and Y piece fitted with low force couplings for the easy attachment of another person if needed, weighing a total of 6 kg (without cylinder and valve assembly).



RPS 3500 (Rescue Pack System)

RPS 3500 Rescue Pack System	3356824	516	1
RPS 3500, Holdall	3356997	972	1
RPS 3500, Y Piece	3356996	972	1
RPS 3500, M.P. Hose	3356998	972	1
RPS 3500, Pneumatics Assembly	3356823	516	1
PSS Rescue Hood	3354982	516	1
6.8L / 300 bar Carbon Composite Cylinder#	3353733	See cylinder price list	
9.0L / 300 bar Carbon Composite Cylinder*	3353734		
8.0L / 300 bar Carbon Composite Cylinder^	3359190		

20 year and 30 year design life

* 20 year design life

^ 30 year design life

Panorama Nova & FPS Series Facemask

See relevant brochure.

Plus Series Lung Demand Valve

See relevant brochure.

RPS 3500 Rescue Pack System (750mm) German only	3367494	516	1
RPS 3500 Holdall (750mm)	3367496	516	1

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Dräger PSS® Rescue Hood

Firefighters face some of the harshest conditions this world has to offer, and are expected to save others from these environments; the Dräger PSS Rescue Hood is designed to help the professional save lives.

The Dräger PSS Rescue Hood is a constant flow emergency escape hood which allows for safe and uncomplicated escape from hazardous environments. The small lightweight design allows a firefighter to move without encumbrance. Approved to EN137 : 2006 (type 2)



Dräger PSS Rescue Hood	3354982	516	1
Spare Parts			
Bag for Dräger PSS Rescue Hood	3356819	972	1
PSS Rescue Hood (spare)	3359302	972	1
Hose Assembly	3359301	972	1
O Ring	3350446	592	1
Filter	3350447	592	1
Spirol Pin	3338818	972	1
Front Cover	3350418	592	1
Screw	3350448	592	1
Hood	3359303	972	1
Foam Insert	3359436	972	1
Spreader Plate	3351766	972	1
Slip Ring	3350557	972	1
Locking Ring	3350449	599	1
Locking Ring	3350529	972	1

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Storage Cabinets for Dräger – SCBA and EEBD

Solutions for storage and transportation of Dräger SCBA and EEBD

Storage Equipment – SCBA

Breathing Apparatus holdall Carrying Bag Material: Nylon Holdall with polyester handles Size: 762 x 381 x 381 mm, Weight: 1.6 Kg	3356473	516	1	
Wall Mounted Storage cabinet (polycarbonate) Material: ABS base / Polycarbonate front Size: 890 x 590 x 285 mm, Weight: 6.0 kg Fitted with 150mm bracket for up to 6.8L cylinder	3310260	516	1	
Wall Mounted Double Storage Cabinet Size: 900 x 930 x 420 mm, Weight: 21.14kg Fitted with 2 x cylinder bracket	3702232	516	1	
Breathing Apparatus Set Hardshell Carrying Case (Orange) Material: High Density Polyethylene (HDPE) Size: 740 x 515 x 285 mm, Weight: 6.8 Kg	3335412	516	1	
Breathing Apparatus Hard-shell carrying case (Large) Material: High Density Polyethylene (HDPE) Size: 736 x 539 x 317mm Weight: 6.8 kg Deeper for 8.0L and 9.0L 300 bar cylinders	4059430	516	1	
Replacement Black Latch SCBA case (Pack 10) (for 3335412 or 4059430)	4057741	972	1	

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
<p>Storage cabinet (stainless steel) powder coated Size: : 750 x 400 x 360 mm, Weight: 17.4 kg No cylinder bracket included with this cabinet</p>	3358827	516	1
<p>PAS Colt carry bag Suitable to carry a PAS Colt, cylinder and facemask Material - Nylon cover / EVA back Size: 730mm x 330mm x 180mm, Weight: 0.9Kg</p>	3354491	592	1
<p>Breathing Apparatus Hard-shell carry case Wheeled unit without inserts Unbreakable, watertight, airtight, dustproof, chemical resistant and corrosion proof. Material: Ultra High Impact structural copolymer Size: 750 x 400 x 360 mm, Weight: 14.1 kg Certificate: IP67</p>	3360005	516	1
<p>Breathing Apparatus Hard-shell carry case Unbreakable, watertight, airtight, dustproof, chemical resistant and corrosion proof Material: Ultra High Impact structural copolymer Size: 750 x 400 x 360 mm, Weight: 16.3 kg Certificate: IP67</p>	3360004	516	1
<p>Foam inserts for 3360004 and 3360005 Easily cut to shape to protect equipment Weight: 1.8 kg</p>	3360006	516	1



Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Storage Equipment – EEBD



Carry case Dräger Saver Material: Ultra High Impact structural copolymer Size: 524 x 420 x 206 mm, Weight: 5.4 kg Certificate: IP67	3350424	529	1
Wall mounting kit (for carry case 3350424) Material: MS Plate, galvanised and powder coated Size: 495 x 384 x 105 mm, Weight: 4.0 kg	3350431	529	1



Storage wall box Material: Polycarbonate Size: 762 x 282 x 211 mm, Weight: 4.0 kg	3351823	529	1
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Wall bracket (for Saver hard case versions) Material: SS and Nylon Size: 410 x 75 x 20 mm, Weight: 0.5 kg	3360516	529	1
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Storage Cabinet Spares



Wall Mounted Storage cabinet (polycarbonate) Material: ABS base / Polycarbonate front Size: 890 x 590 x 285 mm, Weight: 6.0 kg Fitted with 150mm bracket for up to 6.8L cylinder	3310260	516	1
Brackets can also be purchased as spares: Spare clip 150 mm diameter (for up to 6.8L cylinder)	3367284	516	1
Spare clip 180 mm diameter (for 8.0L and 9.0L cylinders)	3367285	516	1



Break Glass Key Kit	3364932	592	1
Door Hinge Kit (pair) for SCBA wall box 3310260 & 3702232)	3703782	516	1

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
Cylinder Lock Kit for SCBA Wallbox 3310260	3703781	516	1
Breathing Apparatus Set Hardshell Carrying Case (Orange) Material: High Density Polyethylene (HDPE) Size: 740 x 515 x 285 mm,Weight: 6.8 Kg	3335412	592	1
Breathing Apparatus Hard-shell carrying case (Large) Material: High Density Polyethylene (HDPE) Size: 736 x 539 x 317mm Weight: 6.8 kg Deeper for 8.0L and 9.0L 300 bar cylinders	4059430	516	1
Replacement Black Latch SCBA case (Pack 10) for 3335412 & 4059430	4057741	972	10



Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Dräger PSS® AirBoss Active

Full comfort harness, compliant with the requirements of EN 137:2006 (Type 2). Ergonomic fixed height and adjustable carrying system allows 3-point back plate height adjustment and incorporates swivelling and sliding waist belt assembly.

- Carbon composite low weight and low profile space frame back plate
- breathing hoses integrated into the back plate
- Antistatic and chemical resistant properties
- moulded integrated handles for easy carrying
- Reflective backplate and waist / shoulder comfort pads
- photo-luminescent pneumatic gauge
- quick-release shoulder harness and waist belt
- quick-release pneumatics
- Nomex cylinder band with “Camlock” fastener
- advanced wear-resistant and flame retardant shoulder and waist belt padding
- Aramid harness webbing material
- pull forward waist adjustment
- quick release LDV connection
- Monitoring with pneumatic gauge



Cylinder connection: standard G5/8" thread or Dräger cylinder Quick Connect

Cylinder configuration: single cylinder strap (SCS) for single cylinder configurations and universal cylinder strap (TCS) for single and twin cylinder configurations.

Dräger PSS® AirBoss Active Compressed Air Breathing Apparatus Dräger Pneumatic Gauge

PSS AirBoss Active SCS, HA DIN Cylinder Thread Connection Modular Waistpad, Single Cylinder Strap, Height Adjustable	3709501	543	1
PSS AirBoss Active TCS, HA DIN Cylinder Thread Connection Modular Waistpad, Universal Cylinder Strap, Height Adjustable	3709502	543	1
PSS AirBoss Active SCS, HA, WW DIN Cylinder Thread Connection	3709505	543	1

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
PSS AirBoss Active TCS, HA, WW DIN Cylinder Thread Connection Webbing Waistpad, Single Cylinder Strap, Height Adjustable	3709506	543	1
PSS AirBoss Active SCS, QC, HA Cylinder Quick Connect (300 bar)* Modular Waistpad, Single Cylinder Strap, Height Adjustable	3716226	543	1
PSS AirBoss Active SCS, QC fixed height Cylinder Quick Connect (300 bar)* Modular Waistpad, Single Cylinder Strap, Fixed Height	3716234	543	1
PSS AirBoss Active SCS, fixed height DIN Cylinder Thread Connection Modular Waistpad, Single Cylinder Strap	3716228	543	1
PSS AirBoss Active TCS, fixed height DIN Cylinder Thread Connection Modular Waistpad, Universal Cylinder Strap	3716229	543	1
PSS AirBoss Active SCS, HA, SB DIN Cylinder Thread Connection Integrated Safety Belt, Single Cylinder Strap, height adjustable	3716224	543	1
PSS AirBoss Active TCS, HA, SB DIN Cylinder Thread Connection Integrated Safety Belt, Universal Cylinder Strap, height adjustable	3716225	543	1
PSS AirBoss Active SCS, fixed height, SB DIN Cylinder Thread Connection Integrated Safety Belt, Single Cylinder Strap, fixed height	3716232	543	1
PSS AirBoss Active TCS, fixed height, SB DIN Cylinder Thread Connection Integrated Safety Belt, Universal Cylinder Strap, fixed height	3716233	543	1
PSS AirBoss Active TCS, Fixed Height, CH DIN Cylinder Thread Connection Universal Cylinder Strap, fixed height, chargair	3724269	543	1
PSS AirBoss Active TCS, WW, Fixed Height, CH DIN Cylinder Thread Connection Universal Cylinder Strap, Webbing Waist pad, fixed height, chargair	3724270	543	1

KEY

SCS = Single Cylinder Strap
TCS = Twin Cylinder strap
QC = Quick Connect
HA = Height Adjustable
SB = Safety Belt
WW = Webbing Waistpad
CH = Chargair

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
Bodyguard 1500 Upgrade Kits			
TX Gauge Kit (including Bodyguard 1500 PASS)	3360992	524	1
TX Gauge Kit	3360139	524	1
Bodyguard 1500 PASS (Button)	3360839	524	1
Bodyguard 1500 PAS (Tally)	3360840	524	1
PSS 7000 PC Link Module including software	3356560	524	1
H.P. Hose Assembly	3357284	972	1
Secondary Supply & Airline Accessories			
2nd MP Connector Hose – Waist – Unsecured - Female QRC - LF	3355748	516	1
2nd MP Connecting Hose – Waist – Unsecured – Male	3355749	516	1
2nd MP Combined Connector Hose – Waist - Unsecured - 45°	3356530	516	1
Y-Twin Female QRC MP Hose - Shoulder	3355848	516	1
Cylinder Quick Connect Accessories			
Charging Adapter 300 bar incl. Blanking Plug c/w Chain	3357198	516	1
Cylinder QC Adapter 300 bar	3357210	516	1
Cylinder Quick Connect Storage Blank 300 bar	3357197	516	1
Quick Connect blanking plug complete with chain	3359360	516	1
General Accessories			
Universal Cylinder Strap Kit	3717473	516	1
Double D Ring	3717494	516	1
Chest Strap	3717495	516	1
D Ring Modular	3717482	516	1
Modular Hose Clip (waist)	3721588	516	1
Modular shoulder hose clip	3717486	516	1
Modular hose clip ChargAir (waist)	3721589	516	1
Modular hose clip (dual)	3717483	516	1
Modular hose clip QR	3717484	516	1
Backplate hose clip QR	3717485	516	1
PARAT 5550 / PSS Rescue Hood Holder	3721587	516	1
Bodyguard 1000 / 1500 multi attachment adaptor	3721586	516	1
LDV Holder (Push In)	3357527	516	1
LDV Holder (M45)	3357528	516	1
LDV Holder (ESA/RD40)	3357526	516	1

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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General Accessories

LDV Holder multi attachment shoulder & waist (Push In)	3717577	516	1
LDV Holder multi attachment shoulder & waist (M45)	3717578	516	1
LDV Holder multi attachment shoulder & waist (ESA / RD40)	3717658	516	1
Metal waistbelt buckle assembly	3356881	516	1
Waist belt D-Ring Loop (for webbing waist pad)	3334968	516	1
T-Piece (2 x 6.8 L 300 bar carbon composite cylinders)	3337660	516	1

Complimentary Products

PSS Rescue hood	3354982	516	1
RPS 3500 (Rescue Pack System)	3356824	516	1
Breathing Apparatus Set Hardshell Carrying Case (Orange) Material: High Density Polyethylene (HDPE) Size: 740 x 515 x 285 mm,Weight: 6.8 Kg	3335412	516	1
Breathing Apparatus Holdall Carrying Bag Material: Nylon Holdall with polyester handles Size: 762 x 381 x 381 mm, Weight: 1.6 Kg	3356473	516	1
Breathing Apparatus Hard-shell carrying case (Large) Material: High Density Polyethylene (HDPE) Size: 736 x 539 x 317mm Weight: 6.8 kg Deeper for 8.0L and 9.0L 300 bar cylinders	4059430	516	1
PSS Safety Belt			

Please refer to PSS Safety Belt price list (PSS 5000 Safety Belt is suitable for PSS AirBoss)

Compressed Air Cylinders

Please refer to price list section for compressed air cylinders.

Face Masks

Please refer to price list section for facemasks

Bodyguard 1500 upgrade kits

Please refer to price list section for Bodyguard 1500 upgrade kits

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Additional System Components Required for Operation



Lung Demand Valves			
Plus LDV Short Hose Push In As 3338700 but with polymer diaphragm for use in H ₂ S environments	3338700	527	1
	3338967	527	1
Plus LDV Short Hose M45 as 3338706 but with polymer diaphragm for use in H ₂ S environments	3338706	527	1
	3338968	527	1
Plus LDV Short Hose RD40 As 3350501 but with polymer diaphragm for use in H ₂ S environments	3350501	527	1
	3338969	527	1
Plus LDV ESA As 3351302 but with polymer diaphragm for use in H ₂ S environments	3351302	527	1
	3351333	527	1

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Dräger PSS® AirBoss Active / Configurator

Full comfort harness, compliant with the requirements of EN 137:2006 (Type 2). Ergonomic fixed height and adjustable carrying system allows 3-point back plate height adjustment and incorporates swivelling and sliding waist belt assembly.

- Carbon composite low weight and low profile space frame back plate
- breathing hoses integrated into the back plate
- Antistatic and chemical resistant properties
- moulded integrated handles for easy carrying
- Reflective backplate and waist / shoulder comfort pads
- photo-luminescent pneumatic gauge
- quick-release shoulder harness and waist belt
- quick-release pneumatics
- Nomex cylinder band with “Camlock” fastener
- advanced wear-resistant and flame retardant shoulder and waist belt padding
- Aramid harness webbing material
- pull forward waist adjustment
- quick release LDV connection
- Monitoring with pneumatic gauge

Cylinder connection: standard G5/8” thread or Dräger cylinder Quick Connect.

Cylinder configuration: single cylinder strap (SCS) for single cylinder configurations and universal cylinder strap (TCS) for single and twin cylinder configurations.



PSS® Airboss Active

	SCS	TCS	HA	FH	MW	WW	SB	DTC	QC			
PSS AirBoss Active SCS, HA [3709501]	•		•		•			•		3712921	543	1
PSS AirBoss Active TCS, HA WW [3709506]		•	•			•		•		3712921	543	1
PSS AirBoss Active SCS, QC, HA [3716226]	•		•		•				•	3712921	543	1
PSS AirBoss Active SCS, QC FH [3716234]	•			•	•				•	3712921	543	1
PSS AirBoss Active SCS, FH [3716228]	•			•	•			•		3712921	543	1
PSS AirBoss Active TCS, FH [3716229]		•		•	•			•		3712921	543	1
PSS AirBoss Active SCS, HA, SB [3716224]	•		•				•	•		3712921	543	1
PSS AirBoss Active TCS, HA, SB [3716225]		•	•				•	•		3712921	543	1
PSS AirBoss Active SCS, FH, SB [3716232]	•			•			•	•		3712921	543	1
PSS AirBoss Active TCS, FH, SB [3716233]		•		•			•	•		3712921	543	1

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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KEY

SCS Single Cylinder Strap
 TCS Universal Cylinder strap
 HA Height Adjustable Backplate
 FH Fixed Height Backplate
 WW Webbing Waistpad
 SB Safety Belt
 DTC Din Thread Connection
 QC Quick Connection

Secondary Supply & Airline Accessories (price includes fitting)			
2nd MP Connector Hose – Waist – Unsecured - Female QRC - LF	3355748	516	1
2nd MP Connecting Hose – Waist – Unsecured – Male	3355749	516	1
2nd MP Combined Connector Hose – Waist - Unsecured - 45°	3356530	516	1
Y-Twin Female QRC MP Hose - Shoulder	3355848	516	1
2nd MP Connector Hose – Waist – Female - SF	3358503	516	1
2nd MP Connector Hose – Shoulder RH – Female - QRC	3358340	516	1
2nd MP Connector Hose – Shoulder LH – Female - QRC	3358341	516	1
2nd Supply MP Combined Hose - Waist – (Secured, 135°)	3358403	516	1
2nd Supply MP Combined Hose - Waist – (Secured, 45°)	3358406	516	1
Revitox Shoulder Hose	3358590	516	1
General Accessories (price includes fitting)			
Double D Ring	3717494	516	1
Chest Strap	3717495	516	1
D Ring Modular	3717482	516	1
LDV Holder (Push In)	3357527	516	1
LDV Holder (M45)	3357528	516	1
LDV Holder (ESA/RD40)	3357526	516	1
LDV Holder multi attachment shoulder & waist (Push In)	3717577	516	1
LDV Holder multi attachment shoulder & waist (M45)	3717578	516	1
LDV Holder multi attachment shoulder & waist (ESA / RD40)	3717658	516	1
Asset ID label	3359186	516	1
Abrasion Label	3359185	516	1

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
Lung Demand Valves (price includes fitting / for separate LDVs see separate price list)			
Plus LDV Short Hose Push In	3338700	527	1
LDV as 3338700 but with polymer diaphragm for use in H2s Enviro.	3338967	527	1
Plus LDV Short Hose M45	3338706	527	1
LDV as 3338706 but with polymer diaphragm for use in H2s Enviro.	3338968	527	1
Plus PLD RD40	3350501	527	1
LDV as 3350501 but with polymer diaphragm for use in H2s Enviro.	3338969	527	1
Plus LDV ESA	3351302	527	1
LDV as 3350501 but with polymer diaphragm for use in H2s Enviro.	3351333	527	1
Complimentary products (not part of Configurator options)			
Charging Adapter 300 bar incl. Blanking Plug c/w Chain	3357198	516	1
Cylinder QC Adapter 300 bar	3357210	516	1
Cylinder Quick Connect Storage Blank 300 bar	3357197	516	1
Quick Connect blanking plug complete with chain	3359360	592	1
T-Piece (2 x 6.8 L 300 bar carbon composite cylinders)	3337660	523	1
PSS Rescue hood	3354982	516	1
RPS 3500 (Rescue Pack System)	3356824	516	1
Breathing Apparatus Set Hardshell Carrying Case (Orange) Material: High Density Polyethylene (HDPE) Size: 740 x 515 x 285 mm,Weight: 6.8 Kg	3335412	516	1
Breathing Apparatus Hard-shell carrying case (Large) Material: High Density Polyethylene (HDPE) Size: 736 x 539 x 317mm Weight: 6.8 kg Deeper for 8.0L and 9.0L 300 bar cylinder	4059430	516	1
Breathing Apparatus Holdall Carrying Bag Material: Nylon Holdall with polyester handles Size: 762 x 381 x 381 mm, Weight: 1.6 Kg	3356473	516	1
Compressed Air Cylinders			
Please refer to price list section for compressed air cylinders.			
Face Masks			
Please refer to price list section for facemasks			

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Dräger PSS® AirBoss Agile

Full comfort harness, compliant with the requirements of EN 137:2006 (Type 2). Ergonomic fixed height and adjustable carrying system allows 3-point back plate height adjustment and incorporates swivelling and sliding waist belt assembly.

- Carbon composite low weight and low profile space frame back plate
- breathing hoses integrated into the back plate
- Antistatic and chemical resistant properties
- moulded integrated handles for easy carrying
- Reflective backplate and waist / shoulder comfort pads
- photo-luminescent back lit transmitting gauge
- quick-release shoulder harness and waist belt
- quick-release pneumatics
- Nomex cylinder band with “Camlock” fastener
- advanced wear-resistant and flame retardant shoulder and waist belt padding
- Aramid harness webbing material
- pull forward waist adjustment
- quick release LDV connection
- Monitoring with Tx Gauge

Cylinder connection: standard G5/8” thread or Dräger cylinder Quick Connect

Cylinder configuration: single cylinder strap (SCS) for single cylinder configurations and universal cylinder strap (TCS) for single and twin cylinder configurations.

Bodyguard 1500 needs to be ordered separately



Dräger PSS AirBoss Agile Compressed Air Breathing Apparatus Dräger Transmitting (Tx) Gauge

PSS AirBoss Agile SCS, HA DIN Cylinder Thread Connection Modular Waistpad, Single Cylinder Strap, Height Adjustable	3709503	544	1
PSS AirBoss Agile TCS, HA DIN Cylinder Thread Connection Modular Waistpad, Universal Cylinder Strap, Height Adjustable	3709504	544	1
PSS AirBoss Agile SCS, HA, WW wDIN Cylinder Thread Connection Webbing Waistpad, Single Cylinder Strap, Height Adjustable	3709507	544	1
PSS AirBoss Agile TCS, HA, WW DIN Cylinder Thread Connection Webbing Waistpad, Universal Cylinder Strap, Height Adjustable	3709508	544	1

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
PSS AirBoss Agile SCS, QC, HA Cylinder Quick Connect (300 bar)* Modular Waistpad, Single Cylinder Strap, Height Adjustable	3716227	544	1
PSS AirBoss Agile SCS, FH DIN Cylinder Thread Connection Modular Waistpad, Single Cylinder Strap, Fixed Height	3716230	544	1
PSS AirBoss Agile TCS, FH DIN Cylinder Thread Connection Modular Waistpad, Universal Cylinder Strap, Fixed Height	3716231	544	1
PSS AirBoss Agile TCS, WW, Fixed Height, CH DIN Cylinder Thread Connection Universal Cylinder Strap, Webbing Waist pad, fixed height, chargair	3724272	544	1
PSS AirBoss Agile TCS, Fixed Height, CH DIN Cylinder Thread Connection Universal Cylinder Strap, fixed height, chargair	3724271	544	1

KEY

SCS = Single Cylinder Strap
TCS = Twin Cylinder strap
FH = Fixed Height Backplate
QC = Quick Connect
HA = Height Adjustable
SB = Safety Belt
WW = Webbing Waistpad
CH = Chargair

Bodyguard 1500 Upgrade Kits

TX Gauge Kit (including Bodyguard 1500 PASS)	3360992	524	1
TX Gauge Kit	3360139	524	1
Bodyguard 1500 PASS (Button)	3360839	524	1
Bodyguard 1500 PAS (Tally)	3360840	524	1
PSS 7000 PC Link Module including software	3356560	524	1
H.P. Hose Assembly	3357284	972	1

Secondary Supply & Airline Accessories

2nd MP Connector Hose – Waist – Unsecured - Female QRC - LF	3355748	516	1
2nd MP Connecting Hose – Waist – Unsecured – Male	3355749	516	1
2nd MP Combined Connector Hose – Waist - Unsecured - 45°	3356530	516	1
Y-Twin Female QRC MP Hose - Shoulder	3355848	516	1

Cylinder Quick Connect Accessories

Charging Adapter 300 bar incl. Blanking Plug c/w Chain	3357198	516	1
Cylinder QC Adapter 300 bar	3357210	516	1
Cylinder Quick Connect Storage Blank 300 bar	3357197	516	1
Quick Connect blanking plug complete with chain	3359360	592	1

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
General Accessories			
Universal Cylinder Strap Kit	3717473	516	1
Double D Ring	3717494	516	1
Chest Strap	3717495	516	1
D Ring Modular	3717482	516	1
Modular Hose Clip (waist)	3721588	516	1
Modular shoulder hose clip	3717486	516	1
Modular hose clip ChargAir (waist)	3721589	516	1
Modular hose clip (dual)	3717483	516	1
Modular hose clip QR	3717484	516	1
Backplate hose clip QR	3717485	516	1
PARAT 5550 / PSS Rescue Hood Holder	3721587	516	1
Bodyguard 1000 / 1500 multi attachment adaptor	3721586	516	1
LDV Holder (Push In)	3357527	516	1
LDV Holder (M45)	3357528	516	1
LDV Holder (ESA/RD40)	3357526	516	1
LDV Holder multi attachment shoulder & waist (Push In)	3717577	516	1
LDV Holder multi attachment shoulder & waist (M45)	3717578	516	1
LDV Holder multi attachment shoulder & waist (ESA / RD40)	3717658	516	1
Metal waistbelt buckle assembly	3356881	516	1
Waist belt D-Ring Loop (for webbing waist pad)	3334968	516	1
T-Piece (2 x 6.8 L 300 bar carbon composite cylinders)	3337660	516	1
PSS AirBoss Grab Handle	3728560	516	1
Complimentary Products			
FPS 7000 HUD – In-mask Display	3356555	524	1
PSS Rescue hood	3354982	516	1
RPS 3500 (Rescue Pack System)	3356824	516	1
Breathing Apparatus Set Hardshell Carrying Case (Orange) Material: High Density Polyethylene (HDPE) Size: 740 x 515 x 285 mm,Weight: 6.8 Kg	3335412	516	1
Breathing Apparatus Holdall Carrying Bag Material: Nylon Holdall with polyester handles Size: 762 x 381 x 381 mm, Weight: 1.6 Kg	3356473	516	1
Breathing Apparatus Hard-shell carrying case (Large) Material: High Density Polyethylene (HDPE) Size: 736 x 539 x 317mm Weight: 6.8 kg Deeper for 8.0L and 9.0L 300 bar cylinder	4059430	516	1

PSS Safety Belt Please refer to PSS Safety Belt price list (PSS 5000 Safety Belt is suitable for PSS AirBoss)

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Compressed Air Cylinders

Please refer to price list section for compressed air cylinders.

Face Masks

Please refer to price list section for facemasks

Additional System Components Required for Operation



Lung Demand Valves

Plus LDV Short Hose Push In As 3338700 but with polymer diaphragm for use in H ₂ S environments	3338700	527	1
	3338967	527	1
Plus LDV Short Hose M45 as 3338706 but with polymer diaphragm for use in H ₂ S environments	3338706	527	1
	3338968	527	1
Plus LDV Short Hose RD40 As 3350501 but with polymer diaphragm for use in H ₂ S environments	3350501	527	1
	3338969	527	1
Plus LDV ESA As 3351302 but with polymer diaphragm for use in H ₂ S environments	3351302	527	1
	3351333	527	1

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Dräger PSS® AirBoss Agile - Configurator

FULL COMFORT HARNESS, COMPLIANT WITH THE REQUIREMENTS OF EN 137:2006 (Type 2).

Ergonomic fixed height and adjustable carrying system allows 3-point back plate height adjustment and incorporates swivelling and sliding waist belt assembly.

Carbon composite low weight and low profile space frame back plate

- breathing hoses integrated into the back plate
- Antistatic and chemical resistant properties
- moulded integrated handles for easy carrying
- Reflective backplate and waist / shoulder comfort pads
- photo-luminescent back lit transmitting gauge
- quick-release shoulder harness and waist belt
- quick-release pneumatics
- Nomex cylinder band with “Camlock” fastener
- advanced wear-resistant and flame retardant shoulder and waist belt padding
- Aramid harness webbing material
- pull forward waist adjustment
- quick release LDV connection
- Monitoring with Tx Gauge

Cylinder connection: standard G5/8” thread or Dräger cylinder Quick Connect

Cylinder configuration: single cylinder strap (SCS) for single cylinder configurations and universal cylinder strap (TCS) for single and twin cylinder configurations.

- Shoulder and waist belt padding
- Aramid harness webbing material
- pull forward waist adjustment
- quick release LDV connection
- Monitoring with pneumatic gauge



PSS® Airboss Agile

	SCS	TCS	HA	FH	MW	WW	SB	DTC	QC			
PSS AirBoss Agile SCS, HA [3709503]	•		•		•			•		3712922	544	1
PSS AirBoss Agile TCS, HA [3709504]		•	•		•			•		3712922	544	1
PSS AirBoss Agile SCS HA WW [3709507]	•		•			•		•		3712922	544	1
PSS AirBoss Agile TCS, HA WW [3709508]		•	•			•		•		3712922	544	1
PSS AirBoss Agile SCS, QC, HA [3716227]	•		•		•				•	3712922	544	1
PSS AirBoss Agile SCS, FH [3716230]	•			•	•			•		3712922	544	1
PSS AirBoss Agile TCS, FH [3716231]		•		•	•			•		3712922	544	1

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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KEY

SCS Single Cylinder Strap
 TCS Universal Cylinder strap
 HA Height Adjustable Backplate
 FH Fixed Height Backplate
 MW Modular Waistbelt
 WW Webbing Waistpad
 SB Safety Belt
 DTC Din Thread Connection
 QC Quick Connection

Bodyguard 1500 (price includes fitting)			
Bodyguard 1500 - button	3360839	524	1
Bodyguard 1500 - button / tally	3360840	524	1
Secondary Supply & Airline Accessories (price includes fitting)			
2nd MP Connector Hose – Waist – Unsecured - Female QRC - LF	3355748	516	1
2nd MP Connecting Hose – Waist – Unsecured – Male	3355749	516	1
2nd MP Combined Connector Hose – Waist - Unsecured - 45°	3356530	516	1
Y-Twin Female QRC MP Hose - Shoulder	3355848	516	1
2nd MP Connector Hose – Waist – Female - SF	3358503	516	1
2nd MP Connector Hose – Shoulder RH – Female - QRC	3358340	516	1
2nd MP Connector Hose – Shoulder LH – Female - QRC	3358341	516	1
2nd Supply MP Combined Hose - Waist – (Secured, 135°)	3358403	516	1
2nd Supply MP Combined Hose - Waist – (Secured, 45°)	3358406	516	1
Revitox Shoulder Hose	3358590	516	1
General Accessories (price includes fitting)			
Double D Ring	3717494	516	1
Chest Strap	3717495	516	1
D Ring Modular	3717482	516	1
LDV Holder (Push In)	3357527	516	1
LDV Holder (M45)	3357528	516	1
LDV Holder (ESA/RD40)	3357526	516	1
LDV Holder multi attachment shoulder & waist (Push In)	3717577	516	1
LDV Holder multi attachment shoulder & waist (M45)	3717578	516	1
LDV Holder multi attachment shoulder & waist (ESA / RD40)	3717658	516	1
Asset ID label	3359186	516	1
Abrasion Label	3359185	516	1

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
Lung Demand Valves (price includes fitting / for separate LDVs see separate price list)			
Plus LDV Short Hose Push In As 3338700 but with polymer diaphragm for use in H ₂ S environments	3338700	527	1
	3338967	527	1
Plus LDV Short Hose M45 as 3338706 but with polymer diaphragm for use in H ₂ S environments	3338706	527	1
	3338968	527	1
Plus LDV Short Hose RD40 As 3350501 but with polymer diaphragm for use in H ₂ S environments	3350501	527	1
	3338969	527	1
Plus LDV ESA As 3351302 but with polymer diaphragm for use in H ₂ S environments	3351302	527	1
	3351333	527	1
Complimentary products (not part of Configurator options)			
Charging Adapter 300 bar incl. Blanking Plug c/w Chain	3357198	516	1
Cylinder QC Adapter 300 bar	3357210	516	1
Cylinder Quick Connect Storage Blank 300 bar	3357197	516	1
Quick Connect blanking plug complete with chain	3359360	592	1
T-Piece (2 x 6.8 L 300 bar carbon composite cylinders)	3337660	523	1
PSS Rescue hood	3354982	516	1
RPS 3500 (Rescue Pack System)	3356824	516	1
Breathing Apparatus Set Hardshell Carrying Case (Orange) Material: High Density Polyethylene (HDPE) Size: 740 x 515 x 285 mm,Weight: 6.8 Kg	3335412	516	1
Breathing Apparatus Hard-shell carrying case (Large) Material: High Density Polyethylene (HDPE) Size: 736 x 539 x 317mm Weight: 6.8 kg Deeper for 8.0L and 9.0L 300 bar cylinders	4059430	516	1
Breathing Apparatus Holdall Carrying Bag Material: Nylon Holdall with polyester handles Size: 762 x 381 x 381 mm, Weight: 1.6 Kg	3356473	516	1
FPS 7000 HUD In-mask Display	3356555	524	1
Compressed Air Cylinders			
Please refer to price list section for compressed air cylinders.			
Face Masks			
Please refer to price list section for facemasks			

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Dräger PSS® AirBoss Connect

Full comfort harness, compliant with the requirements of EN 137:2006 (Type 2). Best in class ergonomics with fixed height and adjustable carrying system allowing 3-point back plate height adjustment, incorporating options for swivelling and sliding waist belt assembly.

- Carbon composite low weight and low profile space frame back plate
- breathing hoses integrated into the back plate
- Antistatic and chemical resistant properties
- moulded integrated handles for easy carrying
- reflective backplate and waist / shoulder comfort pads
- quick-release shoulder harness and waist belt
- quick-release pneumatics
- Nomex cylinder band with "Camlock" fastener
- advanced wear-resistant and flame retardant shoulder and waist padding
- Aramid harness webbing material
- pull forward waist adjustment
- quick release LDV connection
- Monitoring with electronic User Interface

Cylinder connection: standard G5/8" thread or Dräger cylinder Quick Connect (300 bar)

Cylinder configuration: single cylinder strap (SCS) for single cylinder configurations and universal cylinder strap (TCS) for single and twin cylinder configurations.



Connect ECU

Electronic monitoring unit features:

- Integrated ADSU and distress signalling.
- Visual & acoustic warnings & alarms.
- Easy Push-Button Operation.
- Digital display of cylinder pressure.
- User configurable.
- Enhanced display
- Automatic self tests and system tests.
- Data log with personal ID.
- PC link software.
- Time to whistle.
- Choice of operation modes.
- Lightweight user friendly design.



Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Dräger PSS® AirBoss Connect Compressed Air Breathing Apparatus

(Frequencies 902-915 MHz and 450 / 470 to follow)

PSS AirBoss Connect 469 MHz SCS, HA DIN Cylinder Thread Connection Modular Waistpad, Single Cylinder Strap, Height Adjustable	3721350	545	1
PSS AirBoss Connect 469 MHz SCS, T, HA DIN Cylinder Thread Connection Modular Waistpad, Universal Cylinder Strap, Tally, Height Adjustable	3721351	545	1
PSS AirBoss Connect 469 MHz SCS, HA, WW DIN Cylinder Thread Connection Webbing Waistpad, Single Cylinder Strap, Height Adjustable	3721355	545	1
PSS AirBoss Connect 469 MHz TCS, HA DIN Cylinder Thread Connection Modular Waistpad, Universal Cylinder Strap, Height Adjustable	3721352	545	1
PSS AirBoss Connect 469 MHz TCS, HA, WW DIN Cylinder Thread Connection Webbing Waistpad, Universal Cylinder Strap, Height Adjustable	3721356	545	1
PSS AirBoss Connect 469 MHz SCS, QC HA Cylinder Quick Connect (300 bar) Modular Waistpad, Single Cylinder Strap, Height Adjustable	3721396	545	1
PSS AirBoss Connect 469 MHz SCS, QC, T, HA Cylinder Quick Connect (300 bar) Modular Waistpad, Single Cylinder Strap, Tally, Height Adjustable	3721397	545	1
PSS AirBoss Connect 469 MHz SCS, Fixed Height DIN Cylinder Thread Connection Modular Waistpad, Single Cylinder Strap, Fixed Height	3723120	545	1
PSS AirBoss Connect 469 MHz SCS, T, Fixed Height DIN Cylinder Thread Connection Modular Waistpad, Single Cylinder Strap, Tally, Fixed Height	3723121	545	1
PSS AirBoss Connect 469 MHz TCS, Fixed Height DIN Cylinder Thread Connection Modular Waistpad, Universal Cylinder Strap, Fixed Height	3723122	545	1
PSS AirBoss Connect 469 MHz SCS, QC, T, Fixed Height Cylinder Quick Connect (300 bar) Modular Waistpad, Single Cylinder Strap, Tally, Fixed Height	3723124	545	1
PSS AirBoss Connect 869 MHz SCS, HA, WW DIN Cylinder Thread Connection Webbing Waistpad, Single Cylinder Strap, Height Adjustable	3721357	545	1
PSS AirBoss Connect 869 MHz TCS, HA DIN Cylinder Thread Connection Modular Waistpad, Universal Cylinder Strap, Height Adjustable	3721354	545	1

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
PSS AirBoss Connect 869 MHz TCS, HA, WW DIN Cylinder Thread Connection Webbing Waistpad, Universal Cylinder Strap, Height Adjustable	3721358	545	1
PSS AirBoss Connect 869 MHz SCS, QC HA Cylinder Quick Connect (300 bar) Modular Waistpad, Single Cylinder Strap, Height Adjustable	3721398	545	1
PSS AirBoss Connect 869 MHz SCS, Fixed Height DIN Cylinder Thread Connection Modular Waistpad, Single Cylinder Strap, Fixed Height	3721876	545	1
PSS AirBoss Connect 869 MHz TCS, Fixed Height DIN Cylinder Thread Connection Modular Waistpad, Universal Cylinder Strap, Fixed Height	3723126	545	1
PSS AirBoss Connect 469 MHz SCS, QC, Fixed Height Cylinder Quick Connect (300 bar) Modular Waistpad, Single Cylinder Strap, Fixed Height	3723123	545	1
PSS AirBoss Connect 469 MHz TCS, CH, Fixed Height DIN Cylinder Thread Connection with ChargAir Modular Waistpad, Universal Cylinder Strap, Fixed Height	3723125	545	1

SCS = Single Cylinder Strap
TCS = Twin Cylinder strap
QC = Quick Connect
HA = Height Adjustable
SB = Safety Belt
WW = Webbing Waistpad
CH = chargAir

Secondary Supply & Airline Accessories			
2nd MP Connector Hose – Waist – Unsecured - Female QRC - LF	3355748	516	1
2nd MP Connecting Hose – Waist – Unsecured – Male	3355749	516	1
2nd MP Combined Connector Hose – Waist - Unsecured - 45°	3356530	516	1
Y-Twin Female QRC MP Hose - Shoulder	3355848	516	1
Cylinder Quick Connect Accessories			
Charging Adapter 300 bar incl. Blanking Plug c/w Chain	3357198	516	1
Cylinder QC Adapter 300 bar	3357210	516	1
Cylinder Quick Connect Storage Blank 300 bar	3357197	516	1
Quick Connect blanking plug complete with chain	3359360	592	1

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit	Price/ea Excl. VAT
General Accessories				
Universal Cylinder Strap Kit	3717473	516	1	€32.50
Double D Ring	3717494	516	1	€37.25
Chest Strap	3717495	516	1	€66.25
D Ring Modular	3717482	516	1	€8.05
Modular Hose Clip (waist)	3721588	972	1	€4.46
Modular shoulder hose clip	3717486	972	1	€1.96
Modular hose clip ChargAir (waist)	3721589	972	1	€4.46
Modular hose clip (dual)	3717483	972	1	€1.97
Modular hose clip QR	3717484	972	1	€1.97
Backplate hose clip QR	3717485	972	1	€1.97
Parat 5550 / PSS Rescue Hood Holder	3721587	516	1	€9.80
Bodyguard 1000 / 1500 multi attachment adaptor	3721586	516	1	€4.46
LDV Holder (Push In)	3357527	516	1	€37.50
LDV Holder Webbing Waist / all shoulder (M45)	3357528	516	1	€37.50
LDV Holder (ESA/RD40)	3357526	516	1	€37.50
LDV Holder multi attachment shoulder & waist (Push In)	3717577	516	1	€37.50
LDV Holder multi attachment shoulder & waist (M45)	3717578	516	1	€37.50
LDV Holder multi attachment shoulder & waist (ESA / RD40)	3717658	516	1	€37.50
Metal waistbelt buckle assembly	3356881	516	1	€90.75
Waist belt D-Ring Loop (for webbing waist pad)	3334968	516	1	€37.50
T-Piece (2 x 6.8 L 300 bar carbon composite cylinders)	3337660	516	1	€262.00
PSS AirBoss Grab Handle	3728560	516	1	€61.50
Complimentary Products				
PSS Rescue hood	3354982	516	1	€209.00
RPS 3500 (Rescue Pack System)	3356824	516	1	€1,468.00
Breathing Apparatus Set Hardshell Carrying Case (Orange) Material: High Density Polyethylene (HDPE) Size: 740 x 515 x 285 mm,Weight: 6.8 Kg	3335412	516	1	€357.00
Breathing Apparatus Holdall Carrying Bag Material: Nylon Holdall with polyester handles Size: 762 x 381 x 381 mm, Weight: 1.6 Kg	3356473	516	1	€78.75
Breathing Apparatus Hard-shell carrying case (Large) Material: High Density Polyethylene (HDPE) Size: 736 x 539 x 317mm Weight: 6.8 kg Deeper for 8.0L and 9.0L 300 bar cylinders	4059430	516	1	€357.00
PSS Safety Belt Please refer to PSS Safety Belt price list (PSS 5000 Safety Belt is suitable for PSS AirBoss)				

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
Compressed Air Cylinders			
Please refer to price list section for compressed air cylinders.			
Face Masks			
Please refer to price list section for facemasks			
Batteries & Charging Options			
PSS AirBoss Power Pack (Alkaline)	3723273	524	1
PSS AirBoss Rechargeable Power Pack	3708123	524	1
PSS AirBoss Clip Charger	3711536	524	1
NEXUS Cable and Socket	3354574	524	1
PSS AirBoss 5 Way Desktop Charger	3723650	524	1
Software			
Bluetooth Cradle for connection to PC Link	3721359	524	1
PSS AirBoss RFID Card	3723157	524	1
PSS AirBoss RFID Fob	3723158	524	1

Additional System Components Required for Operation



Lung Demand Valves			
Plus LDV Short Hose Push In As 3338700 but with polymer diaphragm for use in H ₂ S environments	3338700	527	1
	3338967	527	1
Plus LDV Short Hose M45 as 3338706 but with polymer diaphragm for use in H ₂ S environments	3338706	527	1
	3338968	527	1
Plus LDV Short Hose RD40 As 3350501 but with polymer diaphragm for use in H ₂ S environments	3350501	527	1
	3338969	527	1
Plus LDV ESA As 3351302 but with polymer diaphragm for use in H ₂ S environments	3351302	527	1
	3351333	527	1

Other lung demand valve options available – see Price List section for lung demand valves

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Dräger PSS® AirBoss Connect / Configurator

Full comfort harness, compliant with the requirements of EN 137:2006 (Type 2). Ergonomic fixed height and adjustable carrying system allows 3-point back plate height adjustment and incorporates swivelling and sliding waist belt assembly.

- Carbon composite low weight and low profile space frame back plate
- breathing hoses integrated into the back plate
- Antistatic and chemical resistant properties
- moulded integrated handles for easy carrying
- Reflective backplate and waist / shoulder comfort pads
- Quick-release shoulder harness and waist belt
- quick-release pneumatics
- Nomex cylinder band with "Camlock" fastener
- advanced wear-resistant and flame retardant shoulder and waist belt padding
- Aramid harness webbing material
- pull forward waist adjustment
- quick release LDV connection
- Monitoring with pneumatic gauge

Cylinder connection: standard G5/8" thread or Dräger cylinder Quick Connect

Cylinder configuration: single cylinder strap (SCS) for single cylinder configurations and universal cylinder strap (TCS) for single and twin cylinder configurations.



Dräger PSS® AirBoss Connect Configurator Compressed Air Breathing Apparatus

(Frequencies 902-915 MHz and 450 / 470 to follow)

PSS AirBoss Connect 469 MHz SCS, HA (3721350) DIN Cylinder Thread Connection Modular Waistpad, Single Cylinder Strap, Height Adjustable	3712923	545	1
PSS AirBoss Connect 469 MHz SCS, T, HA (3721351) DIN Cylinder Thread Connection Modular Waistpad, Universal Cylinder Strap, Tally, Height Adjustable	3712923	545	1
PSS AirBoss Connect 469 MHz SCS, HA, WW (3721355) DIN Cylinder Thread Connection Webbing Waistpad, Single Cylinder Strap, Height Adjustable	3712923	545	1
PSS AirBoss Connect 469 MHz TCS, HA (3721352) DIN Cylinder Thread Connection Modular Waistpad, Universal Cylinder Strap, Height Adjustable	3712923	545	1
PSS AirBoss Connect 469 MHz TCS, HA, WW (3721356) DIN Cylinder Thread Connection Webbing Waistpad, Universal Cylinder Strap, Height Adjustable	3712923	545	1

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
PSS AirBoss Connect 469 MHz SCS, QC HA (3721396) Cylinder Quick Connect (300 bar) Modular Waistpad, Single Cylinder Strap, Height Adjustable	3712923	545	1
PSS AirBoss Connect 469 MHz SCS, QC, T, HA (3721397) Cylinder Quick Connect (300 bar) Modular Waistpad, Single Cylinder Strap, Tally, Height Adjustable	3712923	545	1
PSS AirBoss Connect 469 MHz SCS, Fixed Height (3723120) DIN Cylinder Thread Connection Modular Waistpad, Single Cylinder Strap, Fixed Height	3712923	545	1
PSS AirBoss Connect 469 MHz SCS, T, Fixed Height (3723121) DIN Cylinder Thread Connection Modular Waistpad, Single Cylinder Strap, Tally, Fixed Height	3712923	545	1
PSS AirBoss Connect 469 MHz TCS, Fixed Height (3723122) DIN Cylinder Thread Connection Modular Waistpad, Universal Cylinder Strap, Fixed Height	3712923	545	1
PSS AirBoss Connect 469 MHz SCS, QC, Fixed Height (3723123) Cylinder Quick Connect (300 bar) Modular Waistpad, Single Cylinder Strap, Fixed Height	3712923	545	1
PSS AirBoss Connect 469 MHz SCS, QC, T, Fixed Height (3723124) Cylinder Quick Connect (300 bar) Modular Waistpad, Single Cylinder Strap, Tally, Fixed Height	3712923	545	1
PSS AirBoss Connect 469 MHz TCS, CH, Fixed Height (3723125) DIN Cylinder Thread Connection with ChargAir Modular Waistpad, Universal Cylinder Strap, Fixed Height	3712923	545	1
PSS AirBoss Connect 869 MHz SCS, HA (3721353) DIN Cylinder Thread Connection Modular Waistpad, Single Cylinder Strap, Height Adjustable	3712923	545	1
PSS AirBoss Connect 869 MHz SCS, HA, WW (3721357) DIN Cylinder Thread Connection Webbing Waistpad, Single Cylinder Strap, Height Adjustable	3712923	545	1
PSS AirBoss Connect 869 MHz TCS, HA (3721354) DIN Cylinder Thread Connection Modular Waistpad, Universal Cylinder Strap, Height Adjustable	3712923	545	1
PSS AirBoss Connect 869 MHz TCS, HA, WW (3721358) DIN Cylinder Thread Connection Webbing Waistpad, Universal Cylinder Strap, Height Adjustable	3712923	545	1
PSS AirBoss Connect 869 MHz SCS, QC HA (3721398) Cylinder Quick Connect (300 bar) Modular Waistpad, Single Cylinder Strap, Height Adjustable	3712923	545	1
PSS AirBoss Connect 869 MHz SCS, Fixed Height (3721876) DIN Cylinder Thread Connection Modular Waistpad, Single Cylinder Strap, Fixed Height	3712923	545	1
PSS AirBoss Connect 869 MHz TCS, Fixed Height (3723126) DIN Cylinder Thread Connection Modular Waistpad, Universal Cylinder Strap, Fixed Height	3712923	545	1

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
PSS AirBoss Connect 869 MHz SCS, QC, Fixed Height (3721877) Cylinder Quick Connect (300 bar) Modular Waistpad, Single Cylinder Strap, Fixed Height	3712923	545	1
PSS AirBoss Connect 869 MHz TCS, CH, Fixed Height (3723127) DIN Cylinder Thread Connection with ChargAir Modular Waistpad, Universal Cylinder Strap, Fixed Height	3712923	545	1

SCS Single Cylinder Strap
TCS Twin Cylinder strap
QC Quick Connect
HA Height Adjustable
SB Safety Belt
WW Webbing Waistpad
CH ChargAir

Secondary Supply & Airline Accessories (price includes fitting)			
2nd MP Connector Hose – Waist – Unsecured - Female QRC - LF	3355748	516	1
2nd MP Connecting Hose – Waist – Unsecured – Male	3355749	516	1
2nd MP Combined Connector Hose – Waist - Unsecured - 45°	3356530	516	1
Y-Twin Female QRC MP Hose - Shoulder	3355848	516	1
2nd MP Connector Hose – Waist – Female - SF	3358503	516	1
2nd MP Connector Hose – Shoulder RH – Female - QRC	3358340	516	1
2nd MP Connector Hose – Shoulder LH – Female - QRC	3358341	516	1
2nd Supply MP Combined Hose - Waist – (Secured, 135°)	3358403	516	1
2nd Supply MP Combined Hose - Waist – (Secured, 45°)	3358406	516	1
Revitox Shoulder Hose	3358590	516	1
General Accessories (price includes fitting)			
Double D Ring	3717494	516	1
Chest Strap	3717495	516	1
D Ring Modular	3717482	516	1
LDV Holder (Push In)	3357527	516	1
LDV Holder (M45)	3357528	516	1
LDV Holder (ESA/RD40)	3357526	516	1
LDV Holder multi attachment shoulder & waist (Push In)	3717577	516	1
LDV Holder multi attachment shoulder & waist (M45)	3717578	516	1
LDV Holder multi attachment shoulder & waist (ESA / RD40)	3717658	516	1
Asset ID label	3359186	516	1
Abrasion Label	3359185	516	1

Personal Protection Technology

CABE Products - Compressed Air Breathing Apparatus

Description	Order Code	Product Category	Packing unit
Lung Demand Valves (price includes fitting / for separate LDVs see separate price list)			
Plus LDV Short Hose Push In As 3338700 but with polymer diaphragm for use in H ₂ S environments	3338700	527	1
	3338967	527	1
Plus LDV Short Hose M45 as 3338706 but with polymer diaphragm for use in H ₂ S environments	3338706	527	1
	3338968	527	1
Plus LDV Short Hose RD40 As 3350501 but with polymer diaphragm for use in H ₂ S environments	3350501	527	1
	3338969	527	1
Plus LDV ESA As 3351302 but with polymer diaphragm for use in H ₂ S environments	3351302	527	1
	3351333	527	1
Complimentary products (not part of Configurator options)			
Charging Adapter 300 bar incl. Blanking Plug c/w Chain	3357198	516	1
Cylinder QC Adapter 300 bar	3357210	516	1
Cylinder Quick Connect Storage Blank 300 bar	3357197	516	1
Quick Connect blanking plug complete with chain	3359360	592	1
T-Piece (2 x 6.8 L 300 bar carbon composite cylinders)	3337660	523	1
PSS Rescue hood	3354982	516	1
RPS 3500 (Rescue Pack System)	3356824	516	1
Breathing Apparatus Set Hardshell Carrying Case (Orange) Material: High Density Polyethylene (HDPE) Size: 740 x 515 x 285 mm,Weight: 6.8 Kg	3335412	516	1
Breathing Apparatus Set Hard shell Carrying Case (large for 8-9l cyls)	4059430	516	1
Breathing Apparatus Holdall Carrying Bag Material: Nylon Holdall with polyester handles Size: 762 x 381 x 381 mm, Weight: 1.6 Kg	3356473	516	1
Compressed Air Cylinders			
Please refer to price list section for compressed air cylinders			
Facemasks			
Please refer to price list section for facemasks			
FireGround			
Please refer to price list section for FireGround			
Bluetooth Cradle for connection to PC Link	3721359	524	1

Personal Protection Technology

Compressed Airline Apparatus

Compressed Airline Apparatus

Dräger PAS X-plore, X-plore 9300, X-plore 9500	439
Supply Hoses	444

Dräger PAS Airpack Series

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Filtering Systems

PAS Filter	449
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Mobile Breathing Air Compressor

Dräger PAS MAC	451
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Personal Protection Technology

Compressed Airline Apparatus

Description	Order Code	Product Category	Packing unit	Price/ea Excl. VAT
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Compressed airline Apparatus Dräger X-plore® 9300, X-plore® 9500 Dräger PAS X-plore®

The Dräger X-plore 9300/9500 and PAS X-plore are designed for industrial applications and provides comfortable and reliable respiratory protection.

With features such as the patented safe-flow reducer and auto-test function, wearers can enjoy greater operating convenience, safety and flexibility.

The robust belt unit including a pressure controlling air manifold and various waistbelt options, ideal for use in various applications using a factory airline or other external air supply. Versions for use with a positive pressure facemask (PAS X-plore), constant flow loose fitting headpiece (X-plore 9300) or constant flow to a full-face mask (X-plore 9500).

The compressed airline Apparatus consists of different system components which must to be ordered separately.

A complete system consists of at least:

- Airline belt unit
- Waistbelt
- Lung demand valve or breathing hose
- Full face mask or constant flow headpiece

All versions are supplied with the Dräger CEJN input connector as standard. Other couplings are available on request .



Personal Protection Technology

Compressed Airline Apparatus

Description	Order Code	Product Category	Packing unit
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Belt units

Dräger PAS X-plore®

Airline belt manifold complete with low pressure whistle warning unit and for connection to Dräger face masks.

Approved to EN 14953-1 for positive pressure airline equipment utilizing a tight-fitting facemask. Waistbelt, lung demand valve and facemask must be ordered separately.



Dräger PAS X-plore	3363584	514	1
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LDV

Normal pressure LDV			
Plus LDV Short Hose RD40	3350501	527	1
Plus LDV RD40 (RFID)	3361538	527	1
Positive pressure LDV			
Plus LDV Short Hose Push in	3338700	527	1
Plus LDV P Short T assembly (RFID)	3362056	527	1
Plus LDV Short Hose AE (for PE mask)	3338706	527	1
Plus LDV ESA	3351302	527	1
Plus LDV ESA (RFID)	3363718	527	1

LDV accessories

LDV Holder (P)	3357527	516	1
LDV Holder (M45)	3357528	516	1
LDV Holder (RD40 / ESA)	3357526	516	1
LDV Extension hose (210mm)	3351378	516	1

Face mask

Dräger Panorama Nova full face masks	Various
Dräger FPS 7000 full face masks	Various
Dräger X-plore 6300 full face masks	Various

Personal Protection Technology

Compressed Airline Apparatus

Description	Order Code	Product Category	Packing unit
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Belt units

Dräger X-plore® 9300

Airline belt manifold complete with flow adjust or fix flow and low pressure whistle warning unit for connection to Dräger X-plore 8000 headpieces.

Approved to EN 14594 for constant flow airline device utilizing loose fitting headpieces.

Waistbelt, breathing hose and headpiece must be ordered separately.



Dräger X-plore 9300 (with adjustable flow)	3363587	514	1
Dräger X-plore 9300 (flow not adjustable)	3363586	514	1
Dräger X-plore 8000 Hoods			
Standard hood, short, S/M	R59800	462	1
Standard hood, short, L/XL	R59810	462	1
Standard hood, long, S/M	R59820	462	1
Standard hood, long, L/XL	R59830	462	1
Premium hood, short, S/M	R59840	462	1
Premium hood, short, L/XL	R59850	462	1
Premium hood, long, S/M	R59860	462	1
Premium hood, long, L/XL	R59870	462	1
Dräger X-plore 8000 helmets			
Dräger X-plore 8000 helmet PC visor L1Z	3710775	462	1
Dräger X-plore 8000 helmet PC visor L2Z	3710780	462	1
Dräger X-plore 8000 helmet PC visor L3Z	3710785	462	1
Dräger X-plore 8000 helmet PC visor L2T2	3710790	462	1
Dräger X-plore 8000 helmet PC visor L3T4	3710795	462	1
Helmet PC Visor HLI	3729120	462	1
Face Shield	3710810	462	1
Dräger X-plore 8000 helmet for hood	3710800	462	1
Dräger X-plore 8000 bump cap for hood	3710805	462	1
Dräger X-plore 8000 Hood for helmet, T2	3710776	462	1
Dräger X-plore 8000 Hood for helmet, T4	3710774	462	1
Welding headpieces			
Dräger X-plore standard welding visor	3728190	462	1
Dräger X-plore premium welding visor	3728195	462	1

Personal Protection Technology

Compressed Airline Apparatus

Description	Order Code	Product Category	Packing unit
Connection hose for hoods and helmets , hose accessories			
Dräger X-plore 8000 Standard hose LF Headpiece	R59620	461	1
Dräger X-plore 8000 Flexible hose LF Headpiece	R59600	461	1
Dräger X-plore 8000 heavy duty hose LF Headpiece	3717390	461	1
Dräger X-plore 8000 welding hose cover	R59660	461	1
Dräger X-plore 8000 hose cover spark proof, disposable	R59670	461	1

Belt units

Dräger X-plore® 9310

Airline belt manifold complete with flow adjust and low pressure whistle warning unit for connection to Dräger CVA 0700 ventilation with chemical protective suits.

Approved to EN 14594 for constant flow airline device utilizing ventilated suits.



Please see price list for Protective clothing SPC 4700.

Personal Protection Technology

Compressed Airline Apparatus

Description	Order Code	Product Category	Packing unit
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Belt units

Dräger X-plore® 9500

Airline belt manifold complete with flow adjust and low pressure whistle warning unit for connection to Dräger full-face masks.

Approved to EN 14594 for constant flow airline device utilizing a tight-fitting facemask.

Waistbelt, breathing hose and headpiece must be ordered separately.



Dräger X-plore 9500	3703235	514	1
X-Plore 9500 mask connector standard (610 mm)	3367699	514	1
X-Plore 9500 mask connector long (810 mm)	3367701	514	1
Dräger X-plore 6300 full face masks	Various		
Dräger Panorama Nova full face mask (N)	Various		
Dräger FPS 7000 full face mask (N)	Various		

Accessories

Waistbelts for various applications are compatible with all versions of the PAS X-plore, X-plore 9300 and X-plore 9500

EVA comfort pad	3363425	514	1
Standard waistbelt with buckle (Medium) up to 1280mm	3363680	514	1
Standard waistbelt with buckle (Long) up to 1780mm	3363682	514	1
Decontamination waistbelt with buckle (Medium) up to 1280mm	3363681	514	1
Decontamination waistbelt with buckle (Long) up to 1780mm	3363683	514	1
Leather waistbelt with buckle (Medium) up to 1220mm	3363461	514	1
Leather waistbelt with buckle (Long) up to 1420mm	3363462	514	1
Strap keeper for the waist belt	R59705	597	10
Dräger Airline input hoses 3m – 50m	Various	528	
Cleaning cap kit Blanking kit for machine washing	3363233	528	1

Personal Protection Technology

Compressed Airline Apparatus

Description	Order Code	Product Category	Packing unit
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Compressed Airline Breathing Apparatus Supply Hoses

The supply hoses are used for airline and breathing apparatus e.g.

- Dräger PAS AirPack series
- Dräger PAS Filter series
- Dräger PAS MAC series
- Dräger PAS Lite series
- Dräger PAS Colt series
- Dräger PAS Micro series
- Dräger X-plore 9300 and X-plore 9500
- Dräger PAS X-plore
- further Dräger SCBA and Escape Devices with airline option

All hoses are approved to EN139, EN14593 – 1, EN14594 and conform to the requirements of EN12021



Compressed-air supply hoses

Electrically conductive, increased tensile strength due to clip-supported CEJN couplings (unless stated otherwise), \varnothing 7 mm inside diameter, operating pressure: 10 bar

Air supply hose 3 m	3352463	528	1
Air supply hose 5 m	AL01260	528	1
Air supply hose 10 m	AL01261	528	1
Air supply hose 20 m	AL01262	528	1
Air supply hose 25 m	3357409	528	1
Air supply hose 30 m	3352467	528	1
Air supply hose 45 m	AL01263	528	1
Air supply hose 50 m	3352468	528	1
Air supply hose without CEJN end connections (price per m) Minimum order quantity: 50 m or multiple, price quoted per metre	AL01253	528	50m

Personal Protection Technology

Compressed Airline Apparatus

Description	Order Code	Product Category	Packing unit
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Compressed airline Apparatus Dräger PAS® AirPack Series

Designed using leading technology and materials, Dräger's range of heavy duty airline Apparatus is ideal for use where an extended duration of breathing air is called for. Chemical tank cleaning, toxic spillages or certain tasks when working on offshore installations are all made easier and more comfortable when using the Dräger PAS AirPack series.

Approved to EN 14593-1

Uninterrupted air supply is provided by the trolley-mounted cylinder(s) to the wearer via a hose reel. As the Dräger AirPack can be easily re-located and therefore positioned in a safe zone which is in close proximity to working area, the user need only wear a lightweight harness, such as the Dräger PAS Colt, during operation. This allows the wearer a greater freedom of movement, less stress and fatigue than they would be subjected to if wearing a conventional self contained breathing Apparatus unit.

Suitable for use in explosive atmospheres (Zone 1)



Dräger PAS® AirPack 1

For 1 to 2 persons

The Dräger PAS AirPack 1 is a compact, mobile source of breathing air for the connection of 1 to 4 compressed air cylinders with a capacity up to 12 l and up to 2 persons. The Dräger PAS AirPack 1 supports all cylinders sizes between 6 l to 12 l – 200 bar or 300 bar pressure.



Dräger PAS AirPack 1 Without hose reel - 2 cylinder capacity	3353008	528	1
Dräger PAS AirPack 1 Complete with 1 hose reel and 50m hose - 2 cylinder capacity Additional Y-piece (R 27 945) and extension hoses are required to convert to 2 person unit	3352228	528	1
Stand alone hose reel	3352239	528	1
Carry frame and reducer To accommodate 1 or 2 cylinders up to 12 L.	3352241	528	1
Dräger PAS AirPack 1 Quad AirPack Extension Kit The Dräger PAS AirPack 1 is able to accommodate up to four compressed air cylinders of up to 12 L in capacity when used with the Dräger PAS AirPack Quad Pack extension unit - 2 cylinder capacity.	3353471	528	1

Personal Protection Technology

Compressed Airline Apparatus

Description	Order Code	Product Category	Packing unit
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Dräger PAS® AirPack 2

For 1 to 4 persons

The Dräger PAS AirPack 2 is able to accommodate one or two Compressed air cylinders of up to 50 liters in capacity and is constructed from an anti-static powder coated steel material. The unit can be supplied with a fully approved lifting eye, enabling safe transfer when elevated working areas may be unavoidable. The rear wheel of the trolley also incorporates an easy to administer foot brake, which prevents any inadvertent movement of the unit whilst in operation.

For up to 2 persons

Complete with 1 pneumatic system and 50 m hose reel. Additional Y-piece R27945 and extension hoses are required to convert to 2 person unit



Dräger PAS AirPack 2 / 2M	3352994	528	1
Dräger PAS AirPack 2 / 2M + Lift Includes certified Lifting Eye	3352995	528	1

For up to 4 persons

Complete with 2 independent pneumatic systems and in each case 50 m hose reel. 2 additional Y-pieces R27945 and extension hoses are required to convert to 3 or 4 person unit

Dräger PAS AirPack 2 / 4M.	3352276	528	1
Dräger PAS AirPack 2 / 4M + Lift Includes certified Lifting Eye	3352236	528	1

Compressed-air cylinders for Dräger PAS AirPack 2

Compressed-air cylinder breathing air, 50 L / 200 bar, empty Operating overpressure: max. 200 bar, Weight (unfilled): approx. 80 kg	6531462	533	
Compressed-air cylinder breathing air, 50 L / 300 bar, empty Operating overpressure: max. 300 bar, Weight (unfilled): approx. 90 kg	6526395	533	
Compressed-air cylinder breathing air CE, 50 L / 330 bar, empty Operating overpressure: max. 300 bar, Weight (unfilled): approx. 90 kg	6530410	533	

Personal Protection Technology

Compressed Airline Apparatus

Description	Order Code	Product Category	Packing unit
Accessories Dräger PAS AirPack			
Air supply hoses	various	528	1
Y-Piece To convert to a 2 user unit the use of the Y-piece and additional extension hoses are required	R27945	528	1
Connection set entrance 1 For connection of a compressed air hose with an inside diameter of 15 mm, comprising tapered socket, union nut with clip, connector with screwed thread.	AL01233	514	1
PAS Pressure Reducer	3357357	528	1
PAS Pneumatic Assembly Pressure reducer and mounting plate with one MP outlet and one HP hose for connection to HP cylinder	3355841	528	1
PAS pneumatic assembly Pressure reducer and mounting plate with one MP outlet and two HP hose for connection to HP cylinders	3358800	528	1
PAS AirPack 2 upgrade kit Kit to convert PAS AirPack 2 - 2 man into PAS AirPack 2 - 4 man	3358500	528	1
PAS AirPack 2 lifting eye	3355614	528	1

Personal Protection Technology

Compressed Airline Apparatus

Description	Order Code	Product Category	Packing unit
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Airline Harness

A major benefit is that the user need only wear a lightweight harness such as the Dräger PAS Colt or the Dräger PAS Airline harness. This provides the wearer with greater freedom of movement and less fatigue compared to more conventional self contained breathing Apparatus. Dräger PAS Colt Airline Harness Unit approved to EN 139.

Dräger PAS Colt Airline Harness Fixed LDV and includes LP WWU	3352942	519	1
Dräger PAS Airline Harness Fixed LDV and includes LP WWU	3354483	514	1
Facemasks			
Dräger Panorama Nova P (EPDM PC)	R52972		
Dräger Panorama Nova P (Silicone PC)	R53070		
Dräger Panorama Nova Sideport (EPDM PC)	R53219		
Dräger Panorama Nova Sideport (Silicone PC)	R53243		
Dräger FPS 7000	All versions:		

Personal Protection Technology

Compressed Airline Apparatus

Description	Order Code	Product Category	Packing unit
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Dräger PAS® Filter

Dräger's latest generation of PAS Filters provide high quality breathing air by filtration from a normal air supply. These systems are used between the air source or the air supply system and the air pressure supply hoses.

Designed to be fitted to standard factory air lines or mobile compressors with after coolers filtration system removes liquid, solid particulate and oil vapour and odour - exceeding the criteria laid down by the latest international standards.

The Grade AC Activated Carbon elements will purify the compressed air by removing oil vapours and odours, however the grade AC elements do NOT remove carbon Dioxide (CO₂), Carbon Monoxide (CO) or other toxic gases and fumes.

Each unit is fitted with the stated number of outlet connections, a pressure regulator, pressure gauge and condensate collection as well as coalescing and carbon filters as standard. For heavy duty applications a pre-filter should also be considered.



PAS® Filter F3000 & F3500

Filter housing with three CEJN outlet connections. The fine filter is designed to supply one user and is used to filter solid and liquid oil particles out of the breathing air.

Available as a wall mount fixed version or portable, medium duty or high duty with the addition of a 1 micron pre-filter.



	Capacity L/min	Pre-filter included	Number of outlets	Wall-mounted	Portable			
PAS F3000	760		3	•		3359915	514	1
PAS F3000 P	760		3		•	3359916	514	1
PAS F3500	760	•	3	•		3359921	514	1
PAS F3500 P	760	•	3		•	3359922	514	1

Personal Protection Technology

Compressed Airline Apparatus

Description	Order Code	Product Category	Packing unit
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PAS® Filter F5000 & F5500

Filter housing with five CEJN outlet connections The fine filter is designed to supply one user and is used to filter solid and liquid oil particles out of the breathing air.

Available as a wall mount fixed version or portable, medium duty or high duty with the addition of a 1 micron pre-filter



	Capacity l/min	Pre-filter included	Number of outlets	Wall-mounted	Portable			
PAS F5000	1080		5	•		3359923	514	1
PAS F5000 P	1080		5		•	3359924	514	1
PAS F5500	1080	•	5	•		3359925	514	1
PAS F5500 P	1080	•	5		•	3359926	514	1

Replacement filters for PAS F3000 / PAS F3500

Activated carbon element (FIL0489)	3359928	514	1
Coalescing filter element (FIL0485)	3359933	514	1
Pre-Filter element (pre April 2018) (FIL0484)	3359929	514	1
Pre-Filter element (April 2018 onwards) (FIL0484-103)	3707716	514	1

Replacement filters for PAS F5000 / PAS F5500

Activated carbon element (FIL0489)	3359928	514	1
Coalescing filter element (FIL0488)	3359932	514	1
Pre-Filter element (FIL0487)	3359934	514	1

Accessories - to use the system

Connection set entrance 1 For connection of a compressed air hose with an inside diameter of 15 mm, comprising tapered socket, union nut with clip, connector with screwed thread.	AL01233	514	1
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Personal Protection Technology

Compressed Airline Apparatus

Description	Order Code	Product Category	Packing unit
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Compressed Airline Apparatus Mobile Breathing Air Compressor Dräger PAS® MAC Series

The Dräger's Mobile Breathing Air Compressors provide continuous breathing quality air to safety professionals in the harshest of environments, meeting the needs of single or multiple users over long durations. Available in electric or diesel driven versions, each model is fully compatible with Dräger compressed air and airline breathing equipment.

The Product line includes two electric driven models with 185 to 425 L/MIN and a diesel driven compressor, which provide the user with 710 L/Min of breathing air. The electrically driven units can be supplied in ATEX versions (Zone I). The diesel driven compressors are fitted with spark arrestors as standard to protect the air intake and membrane dryers to ensure the quality of the air.

On the diesel driven compressor a fail-safe system is fitted as standard. In the event of a failure, sounds an alarm and automatically switches to an onboard high pressure reserve system, allowing time for operatives to move to a place of safety.

***All orders are configured to the customer's requirement and ordered via the One-Time-Ordering (OTO) process. The amounts below show prices for standard models. Please contact the Global Product Manager for more details.**



Dräger PAS MAC - Electric motors

Dräger PAS MAC1000 For 1 user producing 185 l/min at 9 bar of breathing quality air to EN 12021	OTO*	528	1
Dräger PAS MAC2000 For up to 2 users producing 510 l/min at 9 bar of breathing quality air to EN 12021	OTO*	528	1
Dräger PAS MAC2000 ATEX For up to 2 users producing 510 l/min at 9 bar of breathing quality air to EN 12021, with escape back-up cylinders	OTO*	528	1
Dräger PAS MAC2000 ATEX For up to 2 users producing 510 l/min at 9 bar of breathing quality air to EN 12021 without escape back-up cylinders	OTO*	528	1

Personal Protection Technology

Compressed Airline Apparatus

Description	Order Code	Product Category	Packing unit
Dräger PAS MAC - Diesel Engines			
Dräger PAS MAC4000 incl. Membrane dryer For up to 4 users producing 710 l/min at 9 bar of breathing quality air to EN 12021	OTO*	528	1
Dräger PAS MAC4000 incl. pressure swing dryer For up to 4 users producing 710 l/min at 9 bar of breathing quality air to EN 12021 - for CO / CO2 absorption	OTO*	528	1
Dräger PAS MAC - Accessories			
Air supply hoses	various	528	1
For PAS MAC 4000 only:			
4 man distribution panel	OTO*	528	1
4 man distribution panel (alarmed)	OTO*	528	1
3/4" distribution hose 15 m long	OTO*	528	1
1/2" distribution hose 30 m long	OTO*	528	1

*All orders are configured to the customer's requirement and ordered via the One-Time-Ordering (OTO) process. The amount prices for standard models. Please contact the Global Product Manager for more details.

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Dräger Cylinder – TÜV

Dräger Cylinder 3,0 L / 200 bar / Steel / TÜV	454
Dräger Cylinder 4,0 L / 200 bar / Steel / TÜV	456
Dräger Cylinder 6,0 L / 200 bar / Steel / TÜV	458
Dräger Cylinder 2,0 L / 300 bar / Steel / TÜV	461
Dräger Cylinder 3,0 L / 300 bar / Steel / TÜV	464
Dräger Cylinder 6,0 L / 300 bar / Steel / TÜV	467
Dräger Cylinder 2,0 L / 200 bar / Aluminum / TÜV	470
Dräger Cylinder 2,0 L / 300 bar / Composite / TÜV	472
Dräger Cylinder 3,0 L / 300 bar / Composite / TÜV	474
Dräger Cylinder 6,0 L / 300 bar / Composite / TÜV	477
Dräger Cylinder 6,8 L / 300 bar / Composite / TÜV	480
Dräger Cylinder 8,0 L / 300 bar / Composite / TÜV	483
Dräger Cylinder 9,0 L / 300 bar / Composite / TÜV	486
Customized Labelling of a Dräger Cylinder	489
Accessories for Dräger Cylinder	490
NANO Cylinders – Long Duration	493
Type 4 Cylinders – Short Duration	495
Dräger Cylinder Valves	497
Dräger Twin-Pack Cylinders	501

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description	Order Code	Product Category	Packing unit
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CABE Products

Dräger Cylinder - TÜV

Dräger Cylinder 3.0 L / 200 bar / Steel / TÜV

Technical Specification as follows:

- Working pressure: 200 bar
- cylinder material: Steel (ST)
- valve: 200 bar, G 5/8"
- Gas medium: air charging Condition: Uncharged (rest overpressure < 1 bar; if no other options selected)
- notified body: TÜV North group, ID-No. CE 0045

The possible cylinder compilations are shown in the matrix below. The total price in sum will be calculated from the selected options.

The price of the accessories includes the assembly.



Cylinder shell

The delivery includes an instruction for use in the local language required.

Compressed air cylinder Standard, grey
Length: 395 mm Diameter: 115 mm

3353813

520

1

Cylinder Valves 200 bar M18

Selection of valves to be chosen in the configuration are as below.

Note – Cylinders intended for use with EN402 Escape Device must have a valve selection with Gauge (GCS)

Part Number		Position	Ratchet	EFV (Y/N)	Gauge
V11130	Valve: G5/8 inline	IL	No	No	No
V11131	Valve: G5/8 Inline EFV	IL	No	Yes	No
3352694	Valve: G5/8 Inline, EFV, GCS	IL	No	Yes	Yes
3353873	Valve: G5/8 Right angle	R/A	No	No	No
3353874	Valve: G5/8 Right angle, Ratchet	R/A	Yes	No	No
3353876	Valve: G5/8 Inline, Ratchet	IL	Yes	No	No
3355045	Valve: G5/8 IL, Ratchet, EFV	IL	Yes	Yes	No
3355046	Valve: G5/8 Right angle, EFV	R/A	No	Yes	No
3355047	Valve: G5/8 Right angle, Ratchet, EFV	R/A	Yes	Yes	No

EFV = excess flow valve; GCS = gauge; BD = Burst Disc; Bl. = Blue handwheel (DACH only)

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description	Order Code	Product Category	Packing unit
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Instruction for Use [IFU]

Various language IFU's can be selected at price of 1.00 euro each

Filling Options

The cylinder can be delivered
 - uncharged or charged with compressed air following EN 12 021.
 - with or without blank screw

Without commissioning – valid worldwide

Uncharged, without blank screw	-	-	1
Uncharged, blank screw-G5/8"	V06567	592	1
Charged, blank screw-G5/8"	V06567	592	1

With commissioning – valid for Germany only

Uncharged, without blank screw	-	-	1
Uncharged, blank screw-G5/8"	V06567	592	1
Charged, blank screw-G5/8"	V06567	592	1

RFID accessories

RFID fitted into Cylinder Valve handle recess	3362617	516	1
RFID and Collar fitted to Cylinder Neck	3358855	516	1

Labelling

Barcode Label	-	-	1
Customized labelling ¹⁾²⁾	-	-	1

1) For yellow cylinders only

2) The conditions and additional prices are part of the separate price list: "Customized labelling of cylinders"

Other Accessories

Protection covers, connection pieces, additional certificates, etc are included in the price list: "accessories for cylinder"

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description	Order Code	Product Category	Packing unit
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CABE Products

Dräger Cylinder - TÜV

Dräger Cylinder 4.0 L / 200 Bar / Steel / TÜV

Technical Specification as follows:

- Working pressure: 200 bar
- cylinder material: Steel (ST)
- valve: 200 bar, G 5/8"
- Gas medium: air charging Condition: Uncharged (rest overpressure < 1 bar; if no other options selected)
- notified body: TÜV North group, ID-No. CE 0045

The possible cylinder compilations are shown in the matrix below. The total price in sum will be calculated from the selected options.

The price of the accessories includes the assembly.



Cylinder shell

The delivery includes an instruction for use in the local language required.

Compressed air cylinder standard, yellow Length: 505 mm Diameter: 115 mm	3353814	520	1
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Cylinder Valves 200 bar M18

Selection of valves to be chosen in the configuration are as below.

EN144:2005

Part Number		Position	Ratchet	EFV (Y/N)	Gauge
V11130	Valve: G5/8 inline	IL	No	No	No
V11131	Valve: G5/8 Inline EFV	IL	No	Yes	No
3352694	Valve: G5/8 Inline, EFV, GCS	IL	No	Yes	Yes
3353873	Valve: G5/8 Right angle	R/A	No	No	No
3353874	Valve: G5/8 Right angle, Ratchet	R/A	Yes	No	No
3353876	Valve: G5/8 Inline, Ratchet	IL	Yes	No	No
3355045	Valve: G5/8 IL, Ratchet, EFV	IL	Yes	Yes	No
3355046	Valve: G5/8 Right angle, EFV	R/A	No	Yes	No
3355047	Valve: G5/8 Right angle, Ratchet, EFV	R/A	Yes	Yes	No

EFV = excess flow valve; GCS = gauge; BD = Burst Disc; BL. = Blue handwheel (DACH only)

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description	Order Code	Product Category	Packing unit
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Instruction for Use [IFU]

Various language IFU's can be selected at price of 1.00 euro each

Filling Options

The cylinder can be delivered
 - uncharged or charged with compressed air following EN 12 021.
 - with or without blank screw

Without commissioning – valid worldwide

Uncharged, without blank screw	-	-	1
Uncharged, blank screw-G5/8"	V06567	592	1
Charged, blank screw-G5/8"	V06567	592	1

With commissioning – valid for Germany only

Uncharged, without blank screw	-	-	1
Uncharged, blank screw-G5/8"	V06567	592	1
Charged, blank screw-G5/8"	V06567	592	1

RFID accessories

RFID fitted into Cylinder Valve handle recess	3362617	516	1
RFID and Collar fitted to Cylinder Neck	3358855	516	1

Labelling

Barcode Label	-	-	1
Customized labelling ¹⁾²⁾	-	-	1

1) For yellow cylinders only

2) The conditions and additional prices are part of the separate price list: "Customized labelling of cylinders"

Other Accessories

Protection covers, connection pieces, additional certificates, etc are included in the price list: "accessories for cylinder"

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description	Order Code	Product Category	Packing unit
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CABE Products

Dräger Cylinder - TÜV

Dräger Cylinder 6.0 L / 200 bar / Steel / TÜV

Technical Specification as follows:

- Working pressure: 200 bar
- cylinder material: Steel (ST)
- valve: 200 bar, G 5/8" (M25x2 or W27.08x1/14)
- Gas medium: air charging Condition: Uncharged (rest overpressure < 1 bar; if not other options selected)
- notified body: TÜV North group, ID-No. CE 0045

The possible cylinder compilations are shown in the matrix below.

The total price in sum will be calculated from the elected options.

The price of the accessories includes the cost of assembly.

Part no. in brackets [] for identification only



Cylinder shells

The delivery includes an instruction for use in the local language required.

Compressed air cylinder standard, grey Length: 515 mm Diameter: 140 mm	3353735	520	1
Compressed air cylinder standard, yellow Length: 515 mm Diameter: 140 mm	3353735	520	1

Cylinder Valves 200 bar M18

Selection of valves to be chosen in the configuration are as below.

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description	Order Code	Product Category	Packing unit
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Cylinder Valves 200 bar M18

Selection of valves to be chosen in the configuration are as below. The introduction of EN144:2018 options are now included.

EN144:2005

Part Number		Position	Ratchet	EFV (Y/N)	Gauge
V11130	Valve: G5/8 inline	IL	No	No	No
V11131	Valve: G5/8 Inline EFV	IL	No	Yes	No
3352694	Valve: G5/8 Inline, EFV, GCS	IL	No	Yes	Yes
3353873	Valve: G5/8 Right angle	R/A	No	No	No
3353874	Valve: G5/8 Right angle, Ratchet	R/A	Yes	No	No
3353876	Valve: G5/8 Inline, Ratchet	IL	Yes	No	No
3355045	Valve: G5/8 IL, Ratchet, EFV	IL	Yes	Yes	No
3355046	Valve: G5/8 Right angle, EFV	R/A	No	Yes	No
3355047	Valve: G5/8 Right angle, Ratchet, EFV	R/A	Yes	Yes	No

EN144:2018

3707774	Valve: G5/8 Inline	IL	No	No	No
3707775	Valve: G5/8 Inline, EFV	IL	No	Yes	No
3707782	Valve: G5/8 Inline, EFV, GCS	IL	No	Yes	Yes

Instruction for Use [IFU]

Various language IFU's can be selected at price of 1.00 euro each

Filling Options

The cylinder can be delivered

- uncharged or charged with compressed air following EN 12 021.
- with or without blank screw

Without commissioning – valid worldwide

Uncharged, without blank screw	-	-	1
Uncharged, blank screw-G5/8"	V05501	592	1
Uncharged, blank screw-M25x2	V11003	592	1
Uncharged, blank screw-W27.08x1/14			

With commissioning – valid for Germany only

Uncharged, without blank screw	-	-	1
Uncharged, blank screw-G5/8"	V05501	592	1
Charged, blank screw-G5/8"	V06567	592	1

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description	Order Code	Product Category	Packing unit
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RFID accessories

RFID fitted into Cylinder Valve handle recess	3362617	516	1
RFID and Collar fitted to Cylinder Neck	3358855	516	1

Labelling

Barcode Label	-	-	1
Customized labelling ¹⁾²⁾	-	-	1

1) For yellow cylinders only

2) The conditions and additional prices are part of the separate price list: "Customized labelling of cylinders"

Other Accessories

Protection covers, connection pieces, additional certificates, etc are included in the price list: "accessories for cylinder"

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description	Order Code	Product Category	Packing unit
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Dräger Cylinder - TÜV Dräger Cylinder 2.0 L / 300 bar / Steel / TÜV

Technical Specification as follows:

- Working pressure: 300 bar
- cylinder material: Steel (ST)
- valve: 200 bar, G 5/8"
- Gas medium: air charging Condition: Uncharged (rest overpressure < 1 bar; if not other options selected)
- notified body: TÜV North group, ID-No. CE 0045

The possible cylinder compilations are shown in the matrix below. The total price in sum will be calculated from the selected options.

The price of the accessories includes the cost of assembly.



Cylinder shell

Included an IFU in German language.
Compressed air cylinder
Standard, yellow
Length: 370 mm
Diameter: 100 mm

B10216

520

1

Cylinder Valves 300 bar M18

Selection of valves to be chosen in the configuration are as below.

Note – Cylinders intended for use with EN402 Escape Device must have a valve selection with Gauge (GCS)

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description		Order Code	Product Category	Packing unit	
Part Number		Position	Ratchet	EFV (Y/N)	Gauge
V11110	Valve: G5/8 inline	IL	No	No	No
V11111	Valve: G5/8 Inline EFV	IL	No	Yes	No
3353069	Valve: G5/8 Inline, GCS	IL	No	No	Yes
3354782	Valve: G5/8 Inline, EFV, GCS	IL	No	Yes	Yes
3353875	Valve: G5/8 Inline, Ratchet	IL	Yes	No	No
3355041	Valve: G5/8 Inline, Ratchet, EFV	IL	Yes	Yes	No
3353871	Valve: G5/8 Right angle	R/A	No	No	No
3353872	Valve: G5/8 Right angle, Ratchet	R/A	Yes	No	No
3355043	Valve: G5/8 Right angle, Ratchet, EFV	R/A	Yes	Yes	No
3355042	Valve: G5/8 Right angle, EFV	R/A	No	Yes	No
3363043	Valve: G5/8 Right angle, Ratchet, EFV, GCS	R/A	Yes	Yes	Yes
3355044	Valve: G5/8 Crossflow, EFV, BD	CF	No	Yes	No
3355129	Valve: G5/8 Inline, EFV, BL.	IL	No	Yes	No
3356805	Valve: G5/8 Right angle, EFV, BL.	R/A	No	Yes	No
3363104	Valve: G5/8 Right angle, Ratchet, EFV,GCS, BL.	R/A	Yes	Yes	Yes
3363271	Valve: G5/8 Inline, Ratchet, EFV, BL.	IL	Yes	Yes	No
3356804	Valve: G5/8 Crossflow, EFV, BL.	CF	No	Yes	No

EFV = excess flow valve; GCS = gauge; BD = Burst Disc; BL. = Blue handwheel (DACH only)

Instruction for Use [IFU]

Various language IFU's can be selected at price of 1.00 euro each

Filling Options

The cylinder can be delivered

- uncharged or charged with compressed air following EN 12 021.
- with or without blank screw

Without commissioning – valid worldwide

Uncharged, without blank screw	-	-	1
Uncharged, blank screw-G5/8"	V06567	592	1
Charged, blank screw-G5/8"	V06567	592	1

With commissioning – valid for Germany only

Uncharged, without blank screw	-	-	1
Uncharged, blank screw-G5/8"	V06567	592	1
Charged, blank screw-G5/8"	V06567	592	1

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description	Order Code	Product Category	Packing unit
RFID accessories			
RFID fitted into Cylinder Valve handle recess	3362617	516	1
RFID and Collar fitted to Cylinder Neck	3358855	516	1
Labelling			
Barcode Label	-	-	1
Customized labelling ¹⁾²⁾	-	-	1
1) For yellow cylinders only			
2) The conditions and additional prices are part of the separate price list: "Customized labelling of cylinders"			
Other Accessories			
Protection covers, connection pieces, additional certificates, etc are included in the price list: "accessories for cylinder"			

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description	Order Code	Product Category	Packing unit
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Dräger Cylinder - TÜV Dräger Cylinder 3.0 L / 300 bar / Steel / TÜV

Technical Specification as follows:

- Working pressure: 300 bar
- Cylinder material: Steel (ST)
- Valve: 300 bar, G 5/8"
- Gas medium: air Charging condition: Uncharged (rest overpressure < 1 bar; if not other Options selected)
- Notified body: TÜV North group, ID-No. CE 0045

The possible cylinder compilations are shown in the matrix below.
The total price will be calculated from the selected options.

The price of the accessories includes the cost of assembly.



Cylinder shell

The delivery includes an instruction for use in the local language required.

Compressed air cylinder standard, yellow Length: 415 mm Diameter: 115 mm	3362513	520	1
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Cylinder Valves 300 bar M18

Selection of valves to be chosen in the configuration are as below.

Note – Cylinders intended for use with EN402 Escape Device must have a valve selection with Gauge (GCS)

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description		Order Code	Product Category	Packing unit	
Part Number		Position	Ratchet	EFV (Y/N)	Gauge
V11110	Valve: G5/8 inline	IL	No	No	No
V11111	Valve: G5/8 Inline EFV	IL	No	Yes	No
3353069	Valve: G5/8 Inline, GCS	IL	No	No	Yes
3354782	Valve: G5/8 Inline, EFV, GCS	IL	No	Yes	Yes
3353875	Valve: G5/8 Inline, Ratchet	IL	Yes	No	No
3355041	Valve: G5/8 Inline, Ratchet, EFV	IL	Yes	Yes	No
3353871	Valve: G5/8 Right angle	R/A	No	No	No
3353872	Valve: G5/8 Right angle, Ratchet	R/A	Yes	No	No
3355043	Valve: G5/8 Right angle, Ratchet, EFV	R/A	Yes	Yes	No
3355042	Valve: G5/8 Right angle, EFV	R/A	No	Yes	No
3363043	Valve: G5/8 Right angle, Ratchet, EFV, GCS	R/A	Yes	Yes	Yes
3355044	Valve: G5/8 Crossflow, EFV, BD	CF	No	Yes	No
3355129	Valve: G5/8 Inline, EFV, BL.	IL	No	Yes	No
3356805	Valve: G5/8 Right angle, EFV, BL.	R/A	No	Yes	No
3363104	Valve: G5/8 Right angle, Ratchet, EFV, GCS, BL.	R/A	Yes	Yes	Yes
3363271	Valve: G5/8 Inline, Ratchet, EFV, BL.	IL	Yes	Yes	No
3356804	Valve: G5/8 Crossflow, EFV, BL.	CF	No	Yes	No

EFV = excess flow valve; GCS = gauge; BD = Burst Disc; BL. = Blue handwheel (DACH only)

Instruction for Use [IFU]

Various language IFU's can be selected at price of 1.00 euro each

Filling Options

The cylinder can be delivered
 - uncharged or charged with compressed air following EN 12 021.
 - with or without blank screw

Without commissioning – valid worldwide

Uncharged, without blank screw	-	-	1
Uncharged, blank screw-G5/8"	V06567	592	1
With commissioning – valid for Germany only			
Uncharged, without blank screw	-	-	1
Uncharged, blank screw-G5/8"	V06567	592	1
Charged, blank screw-G5/8"	V06567	592	1

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description	Order Code	Product Category	Packing unit
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Labelling

Barcode Label	-	-	1
Customized labelling ¹⁾²⁾	-	-	1

1) For yellow cylinders only

2) The conditions and additional prices are part of the separate price list: "Customized labelling of cylinders"

Other Accessories

Protection covers, connection pieces, additional certificates, etc are included in the price list: "accessories for cylinder"

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description	Order Code	Product Category	Packing unit
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Dräger Cylinder - TÜV Dräger Cylinder 6.0 L / 300 bar / Steel / TÜV

Technical Specification as follows:

- Working pressure: 300 bar
- Cylinder material: Steel (ST)
- Valve: 300 bar, G 5/8" or M25x2
- Gas medium: air
- Charging condition: Uncharged
(rest overpressure < 1 bar; if not other Options selected)
- Notified body: TÜV North group, ID-No. CE 0045

The possible cylinder compilations are shown in the below matrix. The total price will be calculated from the selected options.

The price of the accessories includes the cost of assembly.

Part no. in brackets [] for identification only



Cylinder shells

The delivery includes an instruction for use in the local language required.

Compressed air cylinder R, Extra 5, Length: 510 mm Diameter: 140 mm	3355002	520	1
Compressed air cylinder R, Extra 5, yellow Length: 510 mm Diameter: 140 mm	3355002	520	1

Cylinder Valves 300 bar M18

Selection of valves to be chosen in the configuration are as below. The introduction of EN144:2018 options are now included

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description	Order Code	Product Category	Packing unit	
Part Number	Position	Ratchet	EFV (Y/N)	Gauge
EN144:2005				
V11110	Valve: G5/8 inline	IL	No	No
V11111	Valve: G5/8 Inline EFV	IL	No	Yes
3353069	Valve: G5/8 Inline, GCS	IL	No	No
3354782	Valve: G5/8 Inline, EFV, GCS	IL	No	Yes
3353875	Valve: G5/8 Inline, Ratchet	IL	Yes	No
3355041	Valve: G5/8 Inline, Ratchet, EFV	IL	Yes	Yes
3353871	Valve: G5/8 Right angle	R/A	No	No
3353872	Valve: G5/8 Right angle, Ratchet	R/A	Yes	No
3355043	Valve: G5/8 Right angle, Ratchet, EFV	R/A	Yes	Yes
3355042	Valve: G5/8 Right angle, EFV	R/A	No	Yes
3363043	Valve: G5/8 Right angle, Ratchet, EFV, GCS	R/A	Yes	Yes
3355044	Valve: G5/8 Crossflow, EFV, BD	CF	No	Yes
3703272	Valve: G5/8 Inline, EFV, BL	IL	Yes	Yes
3356805	Valve: G5/8 Right angle, EFV, BL	R/A	No	Yes
3363104	Valve: G5/8 Right angle, Ratchet, EFV, GCS, BL	R/A	Yes	Yes
3363271	Valve: G5/8 Inline, Ratchet, EFV, BL	IL	Yes	Yes
3356804	Valve: G5/8 Crossflow, EFV, BL	CF	No	Yes
EN144:2018				
3707777	Valve: G5/8 Inline	IL	No	No
3707776	Valve: G5/8 Inline, Ratchet, EFV	IL	Yes	Yes
3707778	valve: G5/8 Inline, EFV, BL	IL	No	Yes
3707779	Valve: G5/8 Inline EFV	IL	No	Yes
3707781	Valve: G5/8 Inline, EFV, GCS	IL	No	Yes
3707783	Valve: G5/8 Right angle, EFV	R/A	No	Yes
3707780	Valve: G5/8 Inline, GCS	IL	No	No
3707784	Valve: G5/8 Right angle	R/A	No	No
3707785	Valve: G5/8 Right angle, Ratchet, EFV	R/A	Yes	Yes
3707786	Valve: G5/8 Right angle, Ratchet	R/A	Yes	No

EFV = excess flow valve; GCS = gauge; BD = Burst Disc; BL = Blue handwheel (DACH only)

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description	Order Code	Product Category	Packing unit
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Instruction for Use [IFU]

Various language IFU's can be selected at price of 1.00 euro each

Filling Options

The cylinder can be delivered

- uncharged or charged with compressed air following EN 12 021.
- with or without blank screw

Without commissioning – valid worldwide

Uncharged, without blank screw	-	-	1
Uncharged, blank screw-G5/8"	V06567	592	1
Uncharged, blank screw-M25x2	V11003	592	1

With commissioning – valid for Germany only

Uncharged, without blank screw	-	-	1
Uncharged, blank screw-G5/8"	V05501	592	1
Charged, blank screw-G5/8"	V06567	592	1

RFID accessories

RFID fitted into Cylinder Valve handle recess	V06567	516	1
RFID and Collar fitted to Cylinder Neck	V06567	516	1

Labelling

Barcode Label	-	-	1
Customized labelling ¹⁾²⁾	-	-	1

1) For yellow cylinders only

2) The conditions and additional prices are part of the separate price list: "Customized labelling of cylinders"

Other Accessories

Protection covers, connection pieces, additional certificates, etc are included in the price list: "accessories for cylinder"

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description	Order Code	Product Category	Packing unit
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CABE Products

Dräger Cylinder - TÜV

Dräger Cylinder 2.0 L / 200 bar / Aluminium / TÜV

Technical Specification as follows:

- Working pressure: 200 bar
- cylinder material: Steel (ST)
- valve: 200 bar, G 5/8"
- Gas medium: air charging Condition: Uncharged (rest overpressure < 1 bar; if no other options selected)
- notified body: TÜV North group, ID-No. CE 0045

The possible cylinder compilations are shown in the matrix below. The total price in sum will be calculated from the selected options.

The price of the accessories includes the assembly.



Cylinder shell

The delivery includes an instruction for use in the local language required.

Compressed air cylinder standard, grey Length: 395 mm Diameter: 102 mm	3353737	520	1
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Cylinder Valves 200 bar M18

Selection of valves to be chosen in the configuration are as below.

Note – Cylinders intended for use with EN402 Escape Device must have a valve selection with Gauge (GCS)

Part Number	Position	Ratchet	EFV (Y/N)	Gauge
VIII130	Valve: G5/8 inline	IL	No	No
VIII131	Valve: G5/8 Inline EFV	IL	No	Yes
3352694	Valve: G5/8 Inline, EFV, GCS	IL	No	Yes
3353873	Valve: G5/8 Right angle	R/A	No	No
3353874	Valve: G5/8 Right angle, Ratchet	R/A	Yes	No
3353876	Valve: G5/8 Inline, Ratchet	IL	Yes	No
3355045	Valve: G5/8 IL, Ratchet, EFV	IL	Yes	Yes
3355046	Valve: G5/8 Right angle, EFV	R/A	No	Yes
3355047	Valve: G5/8 Right angle, Ratchet, EFV	R/A	Yes	Yes

EFV = excess flow valve; GCS = gauge; BD = Burst Disc; BL = Blue handwheel (DACH only)

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description	Order Code	Product Category	Packing unit
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Instruction for Use [IFU]

Various language IFU's can be selected at price of 1.00 euro each

Filling Options

The cylinder can be delivered

- uncharged or charged with compressed air following EN 12 021.
- with or without blank screw
- with or without commission (valid for Germany Only)

Without commissioning – valid worldwide

Uncharged, without blank screw	-	-	1
Uncharged, blank screw-G5/8"	V05501	592	1
Charged, blank screw-G5/8"	V05501	592	1

With commissioning – valid for Germany only

Uncharged, without blank screw	-	-	1
Uncharged, blank screw-G5/8"	V05501	592	1
Charged, blank screw-G5/8"	V05501	592	1

Other Accessories

Protection covers, connection pieces, additional certificates, etc are included in the price list: "accessories for cylinder"

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description	Order Code	Product Category	Packing unit
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Dräger Cylinder - TÜV Dräger Cylinder 2.0 L / 300 bar / Composite / TÜV

Technical Specification as follows:

- Working pressure: 300 bar
- Cylinder material: carbon composite (CC)
- Valve: 300 bar, G 5/8"
- Gas medium: air Charging condition: Uncharged (rest overpressure < 1 bar; if not other Options selected)
- Notified body: TÜV North group, ID-No. CE 0045

The possible cylinder compilations are shown in the matrix below.

The total price will be calculated from the selected options.

The price of the accessories includes the cost of assembly.

Part no. in brackets [] for identification only



Cylinder shell

The delivery includes an instruction for use in the local language required.

Compressed air cylinder
Standard
Lifetime: 15 years
Length: 389mm
Diameter: 103mm

3353810

520

1

Cylinder Valves 300 bar M18

Selection of valves to be chosen in the configuration are as below.

Note – Cylinders intended for use with EN402 Escape Device must have a valve selection with Gauge (GCS)

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description		Order Code	Product Category	Packing unit	
Part Number		Position	Ratchet	EFV (Y/N)	Gauge
V11110	Valve: G5/8 inline	IL	No	No	No
V11111	Valve: G5/8 Inline EFV	IL	No	Yes	No
3353069	Valve: G5/8 Inline, GCS	IL	No	No	Yes
3354782	Valve: G5/8 Inline, EFV, GCS	IL	No	Yes	Yes
3353875	Valve: G5/8 Inline, Ratchet	IL	Yes	No	No
3355041	Valve: G5/8 Inline, Ratchet, EFV	IL	Yes	Yes	No
3353871	Valve: G5/8 Right angle	R/A	No	No	No
3353872	Valve: G5/8 Right angle, Ratchet	R/A	Yes	No	No
3355043	Valve: G5/8 Right angle, Ratchet, EFV	R/A	Yes	Yes	No
3355042	Valve: G5/8 Right angle, EFV	R/A	No	Yes	No
3363043	Valve: G5/8 Right angle, Ratchet, EFV, GCS	R/A	Yes	Yes	Yes
3355044	Valve: G5/8 Crossflow, EFV, BD	CF	No	Yes	No
3355129	Valve: G5/8 Inline, EFV, BL.	IL	No	Yes	No
3356805	Valve: G5/8 Right angle, EFV, BL.	R/A	No	Yes	No
3363104	Valve: G5/8 Right angle, Ratchet, EFV, GCS, BL.	R/A	Yes	Yes	Yes
3363271	Valve: G5/8 Inline, Ratchet, EFV, BL.	IL	Yes	Yes	No
3356804	Valve: G5/8 Crossflow, EFV, BL.	CF	No	Yes	No

EFV = excess flow valve; GCS = gauge; BD = Burst Disc; BL. = Blue handwheel (DACH only)

Instruction for Use [IFU]

Various language IFU's can be selected at price of 1.00 euro each

Filling Options

The cylinder can be delivered

- uncharged or charged with compressed air following EN 12 021.
- with or without blank screw

Without commissioning – valid worldwide

Uncharged, without blank screw	-	-	1
Uncharged, blank screw-G5/8"	V05501	592	1
Charged, blank screw-G5/8"	V05501	592	1

With commissioning – valid for Germany only

Uncharged, without blank screw	-	-	1
Uncharged, blank screw-G5/8"	V05501	592	1
Charged, blank screw-G5/8"	V05501	592	1

Other Accessories

Protection covers, connection pieces, additional certificates, etc are included in the price list: "accessories for cylinder"

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description	Order Code	Product Category	Packing unit
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Dräger Cylinder - TÜV Dräger Cylinder 3.0 L / 300 bar / Composite / TÜV

Technical Specification as follows:

- Working pressure: 300 bar
- Cylinder material: carbon composite (CC)
- Valve: 300 bar, G 5/8"
- Gas medium: air charging Condition: Uncharged (rest overpressure < 1 bar; if not other options selected)
- notified body: TÜV North group, ID-No. CE 0045

The possible cylinder compilations are shown in the matrix below. The total price in sum will be calculated from the selected options.

The price of the accessories includes the cost of assembly.



Cylinder shell

The delivery includes an instruction for use in the local language required.

Compressed air cylinder standard unpainted Length: 446 mm Diameter: 115 mm Life time: 15 years	3353811	520	1
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Cylinder Valves 300 bar M18

Selection of valves to be chosen in the configuration are as below.

Note – Cylinders intended for use with EN402 Escape Device must have a valve selection with Gauge (GCS)

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description		Order Code	Product Category	Packing unit	
Part Number		Position	Ratchet	EFV (Y/N)	Gauge
V11110	Valve: G5/8 inline	IL	No	No	No
V11111	Valve: G5/8 Inline EFV	IL	No	Yes	No
3353069	Valve: G5/8 Inline, GCS	IL	No	No	Yes
3354782	Valve: G5/8 Inline, EFV, GCS	IL	No	Yes	Yes
3353875	Valve: G5/8 Inline, Ratchet	IL	Yes	No	No
3355041	Valve: G5/8 Inline, Ratchet, EFV	IL	Yes	Yes	No
3353871	Valve: G5/8 Right angle	R/A	No	No	No
3353872	Valve: G5/8 Right angle, Ratchet	R/A	Yes	No	No
3355043	Valve: G5/8 Right angle, Ratchet, EFV	R/A	Yes	Yes	No
3355042	Valve: G5/8 Right angle, EFV	R/A	No	Yes	No
3363043	Valve: G5/8 Right angle, Ratchet, EFV, GCS	R/A	Yes	Yes	Yes
3355044	Valve: G5/8 Crossflow, EFV, BD	CF	No	Yes	No
3355129	Valve: G5/8 Inline, EFV, BL.	IL	No	Yes	No
3356805	Valve: G5/8 Right angle, EFV, BL.	R/A	No	Yes	No
3363104	Valve: G5/8 Right angle, Ratchet, EFV, GCS, BL.	R/A	Yes	Yes	Yes
3363271	Valve: G5/8 Inline, Ratchet, EFV, BL.	IL	Yes	Yes	No
3356804	Valve: G5/8 Crossflow, EFV, BL.	CF	No	Yes	No

EFV = excess flow valve; GCS = gauge; BD = Burst Disc; BL. = Blue handwheel (DACH only)

Instruction for Use [IFU]

Various language IFU's can be selected at price of 1.00 euro each

Filling Options

The cylinder can be delivered

- uncharged or charged with compressed air following EN 12 021.
- with or without blank screw

Without commissioning – valid worldwide

Uncharged, without blank screw	-	-	1
Uncharged, blank screw-G5/8"	V06567	592	1

With commissioning – valid for Germany only

Uncharged, without blank screw	-	-	1
Uncharged, blank screw-G5/8"	V06567	592	1
Charged, blank screw-G5/8"	V06567	592	1

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description	Order Code	Product Category	Packing unit
RFID accessories			
RFID fitted into Cylinder Valve handle recess	3362617	516	1
RFID and Collar fitted to Cylinder Neck	3358855	516	1
Labelling			
Barcode Label	-	-	1
Customized labelling ¹⁾²⁾	-	-	1

1) For yellow cylinders only

2) The conditions and additional prices are part of the separate price list: "Customized labelling of cylinders"

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description	Order Code	Product Category	Packing unit
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Dräger Cylinder - TÜV Dräger Cylinder 6.0 L / 300 bar / Composite / TÜV

Technical Specification as follows:

- Working pressure: 300 bar
- Cylinder material: carbon composite (CC)
- Valve: 300 bar, G 5/8"
- Gas medium: air
- Charging condition: Uncharged
(rest overpressure < 1 bar; if not other Options selected)
- Notified body: TÜV North group, ID-No. CE 0045

The possible cylinder compilations are shown in the below matrix.
The total price will be calculated from the selected options.
The price of the accessories includes the cost of assembly.

Part no. in brackets [] for identification only



Cylinder shells

The delivery includes an instruction for use in the local language required.

Compressed air cylinder 20 Year, standard Length: 497 mm Diameter: 154 mm	3353732	521	1
Compressed air cylinder 20 Year, yellow Length: 497 mm Diameter: 154 mm	3353732	520	1

Cylinder Valves 300 bar M18

Selection of valves to be chosen in the configuration are as below. The introduction of EN144:2018 options are now included.

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description	Order Code	Product Category	Packing unit	
Part Number	Position	Ratchet	EFV (Y/N)	Gauge
EN144:2005				
V11110	Valve: G5/8 inline	IL	No	No
V11111	Valve: G5/8 Inline EFV	IL	No	Yes
3353069	Valve: G5/8 Inline, GCS	IL	No	No
3354782	Valve: G5/8 Inline, EFV, GCS	IL	No	Yes
3353875	Valve: G5/8 Inline, Ratchet	IL	Yes	No
3355041	Valve: G5/8 Inline, Ratchet, EFV	IL	Yes	Yes
3353871	Valve: G5/8 Right angle	R/A	No	No
3353872	Valve: G5/8 Right angle, Ratchet	R/A	Yes	No
3355043	Valve: G5/8 Right angle, Ratchet, EFV	R/A	Yes	Yes
3355042	Valve: G5/8 Right angle, EFV	R/A	No	Yes
3363043	Valve: G5/8 Right angle, Ratchet, EFV, GCS	R/A	Yes	Yes
3355044	Valve: G5/8 Crossflow, EFV, BD	CF	No	Yes
3703272	Valve: G5/8 Inline, Ratchet, EFV, GCS, BD	IL	Yes	Yes
3355129	Valve: G5/8 Inline, EFV, Bl.	IL	No	Yes
3356805	Valve: G5/8 Right angle, EFV, Bl.	R/A	No	Yes
3363104	Valve: G5/8 Right angle, Ratchet, EFV, GCS, Bl.	R/A	Yes	Yes
3363271	Valve: G5/8 Inline, Ratchet, EFV, Bl.	IL	Yes	Yes
3356804	Valve: G5/8 Crossflow, EFV, Bl.	CF	No	Yes
EN144:2018				
3707777	Valve: G5/8 Inline	IL	No	No
3707776	Valve: G5/8 Inline, Ratchet, EFV	IL	Yes	Yes
3707778	valve: G5/8 Inline, EFV, Bl.	IL	No	Yes
3707779	Valve: G5/8 Inline EFV	IL	No	Yes
3707781	Valve: G5/8 Inline, EFV, GCS	IL	No	Yes
3707783	Valve: G5/8 Right angle, EFV	R/A	No	Yes
3707780	Valve: G5/8 Inline, GCS	IL	No	No
3707784	Valve: G5/8 Right angle	R/A	No	No
3707785	Valve: G5/8 Right angle, Ratchet, EFV	R/A	Yes	Yes
3707786	Valve: G5/8 Right angle, Ratchet	R/A	Yes	No

EFV = excess flow valve; GCS = gauge; BD = Burst Disc; Bl. = Blue handwheel (DACH only)

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description	Order Code	Product Category	Packing unit
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Instruction for Use [IFU]

Various language IFU's can be selected at price of 1.00 euro each

Filling Options

The cylinder can be delivered

- uncharged or charged with compressed air following EN 12 021.
- with or without blank screw

Without commissioning – valid worldwide

Uncharged, without blank screw	-	-	1
Uncharged, blank screw-G5/8"	V06567	592	1

With commissioning – valid for Germany only

Uncharged, without blank screw	-	-	1
Uncharged, blank screw-G5/8"	V06567	592	1
Charged, blank screw-G5/8"	V06567	592	1

RFID accessories

RFID fitted into Cylinder Valve handle recess	3362617	516	1
RFID and Collar fitted to Cylinder Neck	3358855	516	1

Labelling

Barcode Label	-	-	1
Customized labelling ¹⁾²⁾	-	-	1

1) For yellow cylinders only

2) The conditions and additional prices are part of the separate price list: "Customized labelling of cylinders"

Protection accessories

Heat Shrink Protective Sleeve	3355759	972	1
Rubber Protection Cap (Bottom)	3356806	972	1
Rubber Protection Cap (Top)	3357037	972	-

Other Accessories

Protection covers, connection pieces, additional certificates, etc are included in the price list: "accessories for cylinder"

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description	Order Code	Product Category	Packing unit
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Dräger Cylinder - TÜV

Dräger Cylinder 6.8 L / 300 bar / Composite / TÜV

Technical Specification as follows:

- Working pressure: 300 bar
- Cylinder material: carbon composite (CC)
- Valve: 300 bar, G 5/8"
- Gas medium: air
- Charging condition: Uncharged
(rest overpressure < 1 bar; if not other Options selected)
- Notified body: TÜV North group, ID-No. CE 0045

The possible cylinder compilations are shown in the below matrix.
The total price will be calculated from the selected options.
The price of the accessories includes the cost of assembly.



Cylinder shells

The delivery includes an instruction for use in the local language required.

Compressed air cylinder 20 Year, standard Length: 551 mm Diameter: 154 mm	3353733	521	1
Compressed air cylinder 20 Year, yellow Length: 551 mm Diameter: 154 mm	3353733	521	1
Compressed air cylinder 15 year, short, yellow Length: 518 mm Diameter: 156 mm	3353733	521	1
Compressed air cylinder 30 Year, Standard Length: 555mm Diameter: 154mm	3353733	521	1
Compressed air cylinder 30 Year, Yellow Length: 555 mm, Diameter: 154 mm	3353733	521	1

Cylinder Valves 300 bar M18

Selection of valves to be chosen in the configuration are as below. The introduction of EN144:2018 options are now included

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description		Order Code	Product Category	Packing unit	
Part Number		Position	Ratchet	EFV (Y/N)	Gauge
EN144:2005					
VIIII0	Valve: G5/8 inline	IL	No	No	No
VIIIII	Valve: G5/8 Inline EFV	IL	No	Yes	No
3353069	Valve: G5/8 Inline, GCS	IL	No	No	Yes
3354782	Valve: G5/8 Inline, EFV, GCS	IL	No	Yes	Yes
3353875	Valve: G5/8 Inline, Ratchet	IL	Yes	No	No
3355041	Valve: G5/8 Inline, Ratchet, EFV	IL	Yes	Yes	No
3353871	Valve: G5/8 Right angle	R/A	No	No	No
3353872	Valve: G5/8 Right angle, Ratchet	R/A	Yes	No	No
3355043	Valve: G5/8 Right angle, Ratchet, EFV	R/A	Yes	Yes	No
3355042	Valve: G5/8 Right angle, EFV	R/A	No	Yes	No
3363043	Valve: G5/8 Right angle, Ratchet, EFV, GCS	R/A	Yes	Yes	Yes
3355044	Valve: G5/8 Crossflow, EFV, BD	CF	No	Yes	No
3703272	Valve: G5/8 Inline, Ratchet, EFV, GCS, BD	IL	Yes	Yes	Yes
3355129	Valve: G5/8 Inline, EFV, BL.	IL	No	Yes	No
3356805	Valve: G5/8 Right angle, EFV, BL.	R/A	No	Yes	No
3363104	Valve: G5/8 Right angle, Ratchet, EFV,GCS, BL.	R/A	Yes	Yes	Yes
3363271	Valve: G5/8 Inline, Ratchet, EFV, BL.	IL	Yes	Yes	No
3356804	Valve: G5/8 Crossflow, EFV, BL.	CF	No	Yes	No
EN144:2018					
3707777	Valve: G5/8 Inline	IL	No	No	No
3707776	Valve: G5/8 Inline, Ratchet, EFV	IL	Yes	Yes	No
3707778	valve: G5/8 Inline, EFV, BL.	IL	No	Yes	No
3707779	Valve: G5/8 Inline EFV	IL	No	Yes	No
3707781	Valve: G5/8 Inline, EFV, GCS	IL	No	Yes	Yes
3707783	Valve: G5/8 Right angle, EFV	R/A	No	Yes	No
3707780	Valve: G5/8 Inline, GCS	IL	No	No	Yes
3707784	Valve: G5/8 Right angle	R/A	No	No	No
3707785	Valve: G5/8 Right angle, Ratchet, EFV	R/A	Yes	Yes	No
3707786	Valve: G5/8 Right angle, Ratchet	R/A	Yes	No	No

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description	Order Code	Product Category	Packing unit
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Instruction for Use [IFU]

Various language IFU's can be selected at price of 1.00 euro each

Filling Options

The cylinder can be delivered
 - uncharged or charged with compressed air following EN 12 021.
 - with or without blank screw

Without commissioning – valid worldwide

Uncharged, without blank screw	-	-	1
Uncharged, blank screw-G5/8"	V06567	592	1
Charged, blank screw-G5/8"	V06567	592	1

With commissioning – valid for Germany only

Uncharged, without blank screw	-	-	1
Uncharged, blank screw-G5/8"	V06567	592	1
Charged, blank screw-G5/8"	V06567	592	1

RFID accessories

RFID fitted into Cylinder Valve handle recess	3362617	516	1
RFID and Collar fitted to Cylinder Neck	3358855	516	1

Labelling

Barcode Label	-	-	1
Customized labelling ¹⁾²⁾	-	-	1

1) For yellow cylinders only

2) The conditions and additional prices are part of the separate price list: "Customized labelling of cylinders"

Protection accessories

Heat Shrink Protective Sleeve	3355759	972	1
Rubber Protection Cap (Bottom)	3356806	972	1
Rubber Protection Cap (Top)	3357037	972	-

Other Accessories

Protection covers, connection pieces, additional certificates, etc are included in the price list: "accessories for cylinder"

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description	Order Code	Product Category	Packing unit
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Dräger Cylinder - TÜV Dräger Cylinder 8.0 L / 300 bar / Composite / TÜV

Technical specification as follows:

- Working pressure: 300 bar
- Cylinder material: carbon composite (CC)
- Valve: 300 bar, G 5/8"
- Gas medium: air
- Charging condition: Uncharged
(rest overpressure < 1 bar; if not other Options selected)
- Notified body: TÜV North group, ID-No. CE 0045

The possible cylinder compilations are shown in the below matrix.
The total price will be calculated from the selected options.
The price of the accessories includes the cost of assembly.

Part no. in brackets [] for identification only



Cylinder shells

The delivery includes an instruction for use in the local language required.

Compressed air cylinder standard Length: 567 mm Diameter 172 mm	3359190	521	1
Compressed air cylinder Standard yellow Length: 567 mm Diameter 172 mm	3359190	521	1

Life time:

Standard-cylinders: 30 years

Cylinder Valves 300 bar M18

Selection of valves to be chosen in the configuration are as below. The introduction of EN144:2018 options are now included.

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description	Order Code	Product Category	Packing unit	
Part Number	Position	Ratchet	EFV (Y/N)	Gauge
EN144:2005				
V11110	Valve: G5/8 inline	IL	No	No
V11111	Valve: G5/8 Inline EFV	IL	No	Yes
3353069	Valve: G5/8 Inline, GCS	IL	No	No
3354782	Valve: G5/8 Inline, EFV, GCS	IL	No	Yes
3353875	Valve: G5/8 Inline, Ratchet	IL	Yes	No
3355041	Valve: G5/8 Inline, Ratchet, EFV	IL	Yes	Yes
3353871	Valve: G5/8 Right angle	R/A	No	No
3353872	Valve: G5/8 Right angle, Ratchet	R/A	Yes	No
3355043	Valve: G5/8 Right angle, Ratchet, EFV	R/A	Yes	Yes
3355042	Valve: G5/8 Right angle, EFV	R/A	No	Yes
3363043	Valve: G5/8 Right angle, Ratchet, EFV, GCS	R/A	Yes	Yes
3355044	Valve: G5/8 Crossflow, EFV, BD	CF	No	Yes
3703272	Valve: G5/8 Inline, Ratchet, EFV, GCS, BD	IL	Yes	Yes
3355129	Valve: G5/8 Inline, EFV, Bl.	IL	No	Yes
3356805	Valve: G5/8 Right angle, EFV, Bl.	R/A	No	Yes
3363104	Valve: G5/8 Right angle, Ratchet, EFV, GCS, Bl.	R/A	Yes	Yes
3363271	Valve: G5/8 Inline, Ratchet, EFV, Bl.	IL	Yes	Yes
3356804	Valve: G5/8 Crossflow, EFV, Bl.	CF	No	Yes
EN144:2018				
3707777	Valve: G5/8 Inline	IL	No	No
3707776	Valve: G5/8 Inline, Ratchet, EFV	IL	Yes	Yes
3707778	valve: G5/8 Inline, EFV, Bl.	IL	No	Yes
3707779	Valve: G5/8 Inline EFV	IL	No	Yes
3707781	Valve: G5/8 Inline, EFV, GCS	IL	No	Yes
3707783	Valve: G5/8 Right angle, EFV	R/A	No	Yes
3707780	Valve: G5/8 Inline, GCS	IL	No	No
3707784	Valve: G5/8 Right angle	R/A	No	No
3707785	Valve: G5/8 Right angle, Ratchet, EFV	R/A	Yes	Yes
3707786	Valve: G5/8 Right angle, Ratchet	R/A	Yes	No

EFV = excess flow valve; GCS = gauge; BD = Burst Disc; Bl. = Blue handwheel (DACH only)

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description	Order Code	Product Category	Packing unit
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Instruction for Use [IFU]

Various language IFU's can be selected at price of 1.00 euro each

Filling Options

The cylinder can be delivered
 - uncharged or charged with compressed air following EN 12 021.
 - with or without blank screw

Without commissioning – valid worldwide

Uncharged, without blank screw	-	-	1
Uncharged, blank screw-G5/8"	V06567	592	1
Charged, blank screw-G5/8"	V06567	592	1

With commissioning – valid for Germany only

Uncharged, without blank screw	-	-	1
Uncharged, blank screw-G5/8"	V06567	592	1
Charged, blank screw-G5/8"	V06567	592	1

RFID accessories

RFID fitted into Cylinder Valve handle recess	3362617	516	1
RFID and Collar fitted to Cylinder Neck	3358855	516	1

Labelling

Barcode Label	-	-	1
Customized labelling ¹⁾²⁾	-	-	1

1) For yellow cylinders only

2) The conditions and additional prices are part of the separate price list: "Customized labelling of cylinders"

Protection accessories

Heat Shrink Protective Sleeve	3355759	972	1
Rubber Protection Cap (Bottom)	3356806	972	1
Rubber Protection Cap (Top)	3357037	972	-

Other Accessories

Protection covers, connection pieces, additional certificates, etc are included in the price list: "accessories for cylinder"

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description	Order Code	Product Category	Packing unit
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Dräger Cylinder - TÜV Dräger Cylinder 9.0 L / 300 bar / Composite / TÜV

Technical Specification as follows:

- Working pressure: 300 bar
- Cylinder material: carbon composite (CC)
- Valve: 300 bar, G 5/8"
- Gas medium: air
- Charging Condition: Uncharged
(rest overpressure < 1 bar; if no other Options selected)
- Notified body: TÜV North group, ID-No. CE 0045

The possible cylinder compilations are shown in the below matrix.
The total price will be calculated from the selected options.
The price of the accessories includes the cost of assembly.



Cylinder shells

The delivery includes an instruction for use in the local language required.

Compressed air cylinder, 20 year, standard Length: 553 mm Diameter: 176 mm	3353734	521	1
Compressed air cylinder, standard 20 year, yellow Length: 553 mm Diameter: 176 mm	3353734	521	1

Cylinder Valves 300 bar M18

Selection of valves to be chosen in the configuration are as below. The introduction of EN144:2018 options are now included

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description		Order Code	Product Category	Packing unit
Part Number	Position	Ratchet	EFV (Y/N)	Gauge
EN144:2005				
V11110	Valve: G5/8 inline	IL	No	No
V11111	Valve: G5/8 Inline EFV	IL	No	Yes
3353069	Valve: G5/8 Inline, GCS	IL	No	No
3354782	Valve: G5/8 Inline, EFV, GCS	IL	No	Yes
3353875	Valve: G5/8 Inline, Ratchet	IL	Yes	No
3355041	Valve: G5/8 Inline, Ratchet, EFV	IL	Yes	Yes
3353871	Valve: G5/8 Right angle	R/A	No	No
3353872	Valve: G5/8 Right angle, Ratchet	R/A	Yes	No
3355043	Valve: G5/8 Right angle, Ratchet, EFV	R/A	Yes	Yes
3355042	Valve: G5/8 Right angle, EFV	R/A	No	Yes
3363043	Valve: G5/8 Right angle, Ratchet, EFV, GCS	R/A	Yes	Yes
3355044	Valve: G5/8 Crossflow, EFV, BD	CF	No	Yes
3703272	Valve: G5/8 Inline, Ratchet, EFV, GCS, BD	IL	Yes	Yes
3355129	Valve: G5/8 Inline, EFV, BL.	IL	No	Yes
3356805	Valve: G5/8 Right angle, EFV, BL.	R/A	No	Yes
3363104	Valve: G5/8 Right angle, Ratchet, EFV,GCS, BL.	R/A	Yes	Yes
3363271	Valve: G5/8 Inline, Ratchet, EFV, BL.	IL	Yes	Yes
3356804	Valve: G5/8 Crossflow, EFV, BL.	CF	No	Yes
EN144:2018				
3707777	Valve: G5/8 Inline	IL	No	No
3707776	Valve: G5/8 Inline, Ratchet, EFV	IL	Yes	Yes
3707778	valve: G5/8 Inline, EFV, BL.	IL	No	Yes
3707779	Valve: G5/8 Inline EFV	IL	No	Yes
3707781	Valve: G5/8 Inline, EFV, GCS	IL	No	Yes
3707783	Valve: G5/8 Right angle, EFV	R/A	No	Yes
3707780	Valve: G5/8 Inline, GCS	IL	No	No
3707784	Valve: G5/8 Right angle	R/A	No	No
3707785	Valve: G5/8 Right angle, Ratchet, EFV	R/A	Yes	Yes
3707786	Valve: G5/8 Right angle, Ratchet	R/A	Yes	No

EFV = excess flow valve; GCS = gauge; BD = Burst Disc; BL. = Blue handwheel (DACH only)

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description	Order Code	Product Category	Packing unit
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Instruction for Use [IFU]

Various language IFU's can be selected at price of 1.00 euro each

Filling Options

The cylinder can be delivered

- uncharged or charged with compressed air following EN 12 021.
- with or without blank screw

Without commissioning – valid worldwide

Uncharged, without blank screw	-	-	1
Uncharged, blank screw-G5/8"	V06567	592	1

With commissioning – valid for Germany only

Uncharged, without blank screw	-	-	1
Uncharged, blank screw-G5/8"	V06567	592	1
Charged, blank screw-G5/8"	V06567	592	1

RFID accessories

RFID fitted into Cylinder Valve handle recess	3362617	516	1
RFID and Collar fitted to Cylinder Neck	3358855	516	1

Labelling

Barcode Label	-	-	1
Customized labelling ¹⁾²⁾	-	-	1

1) For yellow cylinders only

2) The conditions and additional prices are part of the separate price list: "Customized labelling of cylinders"

Protection accessories

Heat Shrink Protective Sleeve	3355759	972	1
Rubber Protection Cap (Bottom)	3356806	972	1
Rubber Protection Cap (Top)	3357037	972	-

Other Accessories

Protection covers, connection pieces, additional certificates, etc are included in the price list: "accessories for cylinder"

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description	Order Code	Product Category	Packing unit
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Dräger Cylinder - TÜV Customized Labelling of a Dräger Cylinder

If a customer requires a customised logo printing onto a yellow cylinder, see below for further information.

Valid only in combination with a cylinder compilation order.



Customized Labelling

Cost for template / screen The template/screen will be stored for maximum of one year	1900032	521	1
Cost for custom labelling per cylinder	1900032	521	1

Conditions for Customised Labelling

The customized labelling will be done using screen printing with one of the following colours only:

- Black
- Dräger CI-blue

Signs

Standard letter formats; e.g. Arial, Helvetica etc.

Customer Logo

A logo is a company symbol/sign or a company letter/number combination and can be printed only when a usable template (e.g. tif.file) is available. The template must have the original size, print quality and has to be provided to Dräger free of charge. The print can be done in two colours only, black or CI-blue.

Size of Letters / Numbers

For the customized logo a limited area between the Dräger logos is available. (see picture to right)



Definition of Labelling

The layout of the labelling will be produced on a drawing. The customer has to confirm the layout. With each order the drawing number/index has to be part of the order. Please contact our sales organisation in advance of an offer/order.

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description	Order Code	Product Category	Packing unit
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Dräger Cylinder - TÜV Accessories for Dräger Cylinders

For Dräger's compressed air cylinders, a wide range of accessories are available:

- Cylinder covers approved to en137: 2006
- Connection pieces for cylinders
- Direct-charging connectors
- Charging hoses



Cylinder Covers

Dräger Protex cylinder cover, dark blue (Set of 10 pieces) Cylinder covers for the protection of the cylinders 6.8 L (composite) and 6 L (composite and steel)	B00946	520	1
Dräger Protex cylinder cover, small (set of 10 pieces) Cylinder covers, small, for the protection of the composite cylinders 6 L (B 10 686) and 6.8 L (B 10 666)	B00947	520	1
Dräger Protex cylinder cover, large (set of 10 pieces) Cylinder cover, large, for the protection of the composite cylinders B 10 680 (cylinder B 10 680 not in the cylinder programme anymore).	B00949	520	1
Nomex cylinder cover, blue, 6.8l / 300 bar	3310622	520	1
Nomex cylinder cover, blue, 9l / 300 bar	3310624	520	1
Nomex cylinder cover, blue, 8l / 300bar	3310889	520	1
Nomex cylinder cover, red, 6.8l / 300 bar	3367830	520	1
Nomex cylinder cover, red, 9l / 300 bar	3367833	520	1
PVC cylinder cover, blue, 6.8l / 300 bar	3310619	520	1
PVC cylinder cover, blue, 9l / 300 bar	3310621	520	1
PVC cylinder cover, yellow, 6.8l/300 bar		520	1
PVC cylinder cover, yellow, 9l/300 bar		520	1
Nomex cylinder cover black 6.8l / 300 bar	3717518	520	1
Nomex cylinder cover black 9l / 300 bar	3722209	520	1

Further cylinder covers for other sizes of cylinders and for different countries available on request

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description	Order Code	Product Category	Packing unit
Connection Pieces for Cylinders			
Connection piece 300 bar For breathing Apparatus Dräger PSS7000, PSS 5000 DrägerMan PSS 90, DrägerMan PSS 100, Dräger PAS Standard, PA 94 plus and PA 94 D.			
			
Connection piece 300 bar with 2 high pressure connections (handwheel) for the fixing of 2 composite cylinders 6.0 L/300 bar or 6.8 L/300 bar.	3337660	516	1
Connection piece 200 bar			
For breathing Apparatus DrägerMan PSS 100, DrägerMan PSS 90, Dräger PAS Standard, PA 94 plus And PA 94 D.			
			
Connection piece 200 bar Y-piece (flat design), with 2 high pressure connections (hand wheel) for the fixing of 2 cylinders 4.0 L/200 bar.	3339615	516	1
Charging connector 300 bar			
Upgrade of the breathing Apparatus Dräger PSS3000, PSS5000, PSS7000, DrägerMan PSS 100, DrägerMan PSS 90 and PA 94 plus In a Dräger-Service-Station.			
Direct-charging connector 300 bar To allow the charging of cylinders via the direct ChargAir charging hose using compressed air without disconnecting from the breathing Apparatus.	3337702	516	1
Charging Hoses			
Direct-charging hose 1.5 m with gauge Direct-charging hose for direct-charging connector, length 1.5 m.	3336641	516	1
Direct-charging hose 3 m with gauge Direct-charging hose for direct-charging connector, length 3 m.	3336642	516	1
Blank Screws for Valves			
Blank Screws for 200 bar G 5/8"	V05501	592	1
Blank Screws for 300 bar G 5/8"	V06567	592	1
Blank Screws for 200 bar M 25 x 2	3356247	592	1
Blank Screws for 300 bar M25 x 2	V11003	592	1
Certificates			
Each delivery includes the CE-certificate of conformity for the complete cylinder. If sub-certificates are necessary please order			
Certificates for raw cylinder Fee is per copy and batch.	1990044	521	1
Certificates for valve Fee is per copy and valve order code.	1990044	521	1

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description	Order Code	Product Category	Packing unit
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Charging of Cylinders

The components for a system solution are part of the price lists:

- Compressors
- Air supply cylinder

Purification of Gases

The Gas ANALYSIS equipment is available in the price list:

- Dräger Aerotest HP

RFID

RFID fitted into Cylinder Valve handle recess	3362617	516	1
RFID and Collar fitted to Cylinder Neck	3358855	516	1

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description	Order Code	Product Category	Packing unit
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NANO Type 4 Compressed Air Plastic Lined Carbon Composite Cylinder 6.0l 300 bar / 6.8l 300 bar / 9.0l 300 bar

Technical Specification as follows:

- Working pressure 300 bar
- Valve 300 bar, G 5/8"
- Gas medium: air
- Non Limited Life (NLL)
- Rubber protection boot fitted as standard

Cylinder is assembled with choice of EFV valves via Luebeck Configurators, along with choices for:

- Valve -Language Label
- Language IFU
- Painted Yellow or unpainted Black finish
- Filled or unfilled



Compressed air cylinder, **6.0l 300 Bar**
Length: 480 mm
Diameter: 160 mm (including end caps)
Base price excludes valve

Yellow painted	3712915	520	1
Black unpainted	3712915	520	1

Compressed air cylinder, **6.8l 300 Bar**
Length: 527 mm
Diameter: 160 mm (including end caps)
Base price excludes valve

Yellow painted	3712916	520	1
Black unpainted	3712916	520	1

Compressed air cylinder, **9.0l 300 Bar**
Length:
Diameter: tbc
Base price excludes valve

Yellow painted	3712917	520	1
Black unpainted	3712917	520	1

Cylinder Valves 300 bar M18

Selection of valves to be chosen in the configuration are as below. The introduction of EN144:2018 options are now included.

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description	Order Code	Product Category	Packing unit
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Part Number	Position	Ratchet	EFV (Y/N)	Gauge
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EN144:2005

VIIIII	Valve: G5/8 Inline EFV	IL	No	Yes	No
3354782	Valve: G5/8 Inline, EFV, GCS	IL	No	Yes	Yes
3355041	Valve: G5/8 Inline, Ratchet, EFV	IL	Yes	Yes	No
3355043	Valve: G5/8 Right angle, Ratchet, EFV	R/A	Yes	Yes	No
3355042	Valve: G5/8 Right angle, EFV	R/A	No	Yes	No
3355044	Valve: G5/8 Crossflow, EFV, BD	CF	No	Yes	No
3703272	Valve: G5/8 Inline, Ratchet, EFV, GCS, BD	IL	Yes	Yes	Yes
3355129	Valve: G5/8 Inline, EFV, BL.	IL	No	Yes	No
3356805	Valve: G5/8 Right angle, EFV, BL.	R/A	No	Yes	No
3363104	Valve: G5/8 Right angle, Ratchet, EFV,GCS, BL.	R/A	Yes	Yes	Yes
3363271	Valve: G5/8 Inline, Ratchet, EFV, BL.	IL	Yes	Yes	No
3356804	Valve: G5/8 Crossflow, EFV, BL.	CF	No	Yes	No
3366943	Valve: G5/8 Inline, EFV, BL. (with stackpipe)	IL	No	Yes	No

EN144:2018

3707776	Valve: G5/8 Inline, Ratchet, EFV	IL	Yes	Yes	No
3707778	valve: G5/8 Inline, EFV, BL.	IL	No	Yes	No
3707779	Valve: G5/8 Inline EFV	IL	No	Yes	No
3707781	Valve: G5/8 Inline, EFV, GCS	IL	No	Yes	Yes
3707783	Valve: G5/8 Right angle, EFV	R/A	No	Yes	No
3707785	Valve: G5/8 Right angle, Ratchet, EFV	R/A	Yes	Yes	No

EFV = excess flow valve; GCS = gauge; BD = Burst Disc; BL. = Blue handwheel (DACH only)

Filling Options

The cylinder can be delivered

- uncharged or charged with compressed air following EN 12 021.
- with or without blank screw

Uncharged, without blank screw	-	-	1
Uncharged, blank screw-G5/8"	V06567	592	1
Charged, blank screw-G5/8"	V06567	592	1

RFID accessories

RFID fitted into Cylinder Valve handle recess	3362617	516	1
RFID and Collar fitted to Cylinder Neck	3358855	516	1

EN144:2018

Barcode Label	-	-	1
Customized labelling ¹⁾²⁾	-	-	1

1) For yellow cylinders only 2) The conditions and additional prices are part of the separate price list: "Customized labelling of cylinders"

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description	Order Code	Product Category	Packing unit
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Type 4 Compressed Air Plastic Lined Carbon Composite Cylinder Short Duration - 2l 300 bar / 3l 300 bar

Technical Specification as follows:

- Working pressure 300 bar
- Valve 300 bar, G 5/8"
- Gas medium: air
- Non Limited Life (NLL)

Rubber protection boot and cap fitted as standard
Order through Luebeck configurator

- Valve choice
- Language label
- Language IFU
- Yellow or Grey finish
- Filled or unfilled



FOR USE WITH PAS MICRO AND PAS COLT

Compressed air cylinder, 2.0l 300 Bar Length: 321 mm Diameter: 116 mm Yellow or Grey finish Base price excludes valve	3712918	520	1
Compressed air cylinder, 3.0l 300 Bar Length: 445 mm Diameter: 116 mm Yellow or Grey finish Base price excludes valve	3712919	520	1

Cylinder Valves 300 bar M18 - EN144:2005 (EFV valve required for Type 4 Cylinder)

Note – Cylinders intended for use with EN402 Escape Device must have a valve selection with Gauge (GCS)

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description		Order Code	Product Category	Packing unit	
Part Number		Position	Ratchet	EFV (Y/N)	Gauge
V11111	Valve: G5/8 Inline EFV	IL	No	Yes	No
3354782	Valve: G5/8 Inline, EFV, GCS	IL	No	Yes	Yes
3355041	Valve: G5/8 Inline, Ratchet, EFV	IL	Yes	Yes	No
3355043	Valve: G5/8 Right angle, Ratchet, EFV	R/A	Yes	Yes	No
3355042	Valve: G5/8 Right angle, EFV	R/A	No	Yes	No
3363043	Valve: G5/8 Right angle, Ratchet, EFV, GCS	R/A	Yes	Yes	Yes
3355044	Valve: G5/8 Crossflow, EFV, BD	CF	No	Yes	No
3355129	Valve: G5/8 Inline, EFV, BL.	IL	No	Yes	No
3356805	Valve: G5/8 Right angle, EFV, BL.	R/A	No	Yes	No
3356804	Valve: G5/8 Crossflow, EFV, BL.	CF	No	Yes	No

Filling Options

The cylinder can be delivered

- uncharged or charged with compressed air following EN 12 021.
- with or without blank screw

Without commissioning – valid worldwide

Uncharged, without blank screw	-	-	1
Uncharged, blank screw-G5/8"	V06567	592	1
Charged, blank screw-G5/8"	V06567	592	1
RFID accessories			
RFID fitted into Cylinder Valve handle recess	3362617	516	1
RFID and Collar fitted to Cylinder Neck	3358855	516	1

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description	Order Code	Product Category	Packing unit
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Dräger Cylinder - TÜV Dräger Cylinder Valves

For the Dräger cylinder program a wide range of different types of valves are provided.

In addition to EN144:2005 approved valves, our portfolio now includes a selection of valves to the latest revision of the standard - EN144:2018



Compressed Air Cylinder Valves

The following description and pictures summarise the abbreviations [] within the product descriptions of the valves.



Picture 1:
In line valve with gauge



Picture 5:
Right angle ratchet valve

Valve Body [VB]

The valve body is available in different types.

- in line (picture 1)- with gauge
- cross flow (without picture)
- right angle (picture 5)

Different threads to the equipment (e.g. Breathing Apparatus) are available

- [G5/8"]
- [M25x2]
- [W21.08x1/14]

The Thread between cylinder shell and Valve is M18x1.5.



Picture 2:
Hand wheel, black

Hand Wheel [HW]

Some valves are fitted with a flame retardant [FR]

Hand wheel. The hand wheel is available in different colours:

- grey [GR] for excess flow valves
- black [Bk], standard valves (picture 2)
- Blue [bl], for valves for Switzerland, Austria and Germany, with excess flow

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description	Order Code	Product Category	Packing unit
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Excess Flow Valve

The excess flow valve limits the flow of air in instances where the valve is broken off or the valve is opened by mistake (picture 3).



Picture 3:
Excess flow valve (EFV)
(unit cut for view)

Ratchet [Rat.]

The ratchet at the hand wheel (without picture) prevents accidental closing of the cylinder valve.

Gauge [Gauge]

The ratchet at the hand wheel (without picture) prevents accidental closing of the cylinder valve.



Picture 4:
Gauge

Burst Disc [BD]

Some Valves are fitted with a burst disc.

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description	Order Code	Product Category	Packing unit		
Part Number	Position	Ratchet	EFV (Y/N)	Gauge	Prod. Gp
Compressed Air Cylinder Valves 300 bar. EN144:2005					
V11110	Valve: G5/8 inline	IL	No	No	972
V11111	Valve: G5/8 Inline EFV	IL	No	Yes	972
3353069	Valve: G5/8 Inline, GCS	IL	No	No	972
3354782	Valve: G5/8 Inline, EFV, GCS	IL	No	Yes	972
3353875	Valve: G5/8 Inline, Ratchet	IL	Yes	No	972
3355041	Valve: G5/8 Inline, Ratchet, EFV	IL	Yes	Yes	972
3353871	Valve: G5/8 Right angle	R/A	No	No	972
3353872	Valve: G5/8 Right angle, Ratchet	R/A	Yes	No	972
3355043	Valve: G5/8 Right angle, Ratchet, EFV	R/A	Yes	Yes	972
3355042	Valve: G5/8 Right angle, EFV	R/A	No	Yes	972
3363043	Valve: G5/8 Right angle, Ratchet, EFV, GCS	R/A	Yes	Yes	972
3355044	Valve: G5/8 Crossflow, EFV, BD	CF	No	Yes	972
3703272	Valve: 300 bar G5/8 Inline, Ratchet, EFV, GCS, BD	IL	Yes	Yes	972
3355129	Valve: G5/8 Inline, EFV, BL	IL	No	Yes	972
3356805	Valve: G5/8 Right angle, EFV, BL	R/A	No	Yes	972
3363104	Valve: 300 bar G5/8 Right angle, Ratchet, EFV, GCS, BL	R/A	Yes	Yes	972
3356804	Valve: G5/8 Crossflow, EFV, BL	CF	No	Yes	972
Compressed Air Cylinder Valves 300 bar. EN144:2018					
3707777	Valve: G5/8 Inline	IL	No	No	972
3707776	Valve: G5/8 Inline, Ratchet, EFV	IL	Yes	Yes	972
3707778	Valve: G5/8 Inline, EFV, BL	IL	No	Yes	972
3707779	Valve: G5/8 Inline EFV	IL	No	Yes	972
3707781	Valve: G5/8 Inline, EFV, GCS	IL	No	Yes	972
3707783	Valve: G5/8 Right angle, EFV	R/A	No	Yes	972
3707780	Valve: G5/8 Inline, GCS	IL	No	No	972
3707784	Valve: G5/8 Right angle	R/A	No	No	972
3707785	Valve: G5/8 Right angle, Ratchet, EFV	R/A	Yes	Yes	972
3707786	Valve: G5/8 Right angle, Ratchet	R/A	Yes	No	972

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description	Order Code	Product Category	Packing unit
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Part Number	Position	Ratchet	EFV (Y/N)	Gauge	Prod. Gp
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Compressed Air Cylinder Valves 200 bar. EN144:2005

V11130	Valve: 200 bar G5/8 inline	IL	No	No	No	972
V11131	Valve: 200 bar G5/8 Inline EFV	IL	No	Yes	No	972
3352694	Valve: 200 bar G5/8 Inline, EFV, GCS	IL	No	Yes	Yes	972
3353873	Valve: 200 bar G5/8 Right angle	R/A	No	No	No	972
3353874	Valve: 200 bar G5/8 Right angle, Ratchet	R/A	Yes	No	No	972
3353876	Valve: 200 bar G5/8 Inline, Ratchet	IL	Yes	No	No	972
3355045	Valve: 200 bar G5/8 IL, Ratchet, EFV	IL	Yes	Yes	No	972
3355046	Valve: 200 bar G5/8 Right angle, EFV	R/A	No	Yes	No	972
3355047	Valve: 200 bar G5/8 Right angle, Ratchet, EFV	R/A	Yes	Yes	No	972

Compressed Air Cylinder Valves 200 bar. EN144:2018

3707774	Valve: 200 bar G5/8 inline	IL	No	No	No	972
3707775	Valve: 200 bar G5/8 Inline EFV	IL	No	Yes	No	972
3707782	Valve: 200 bar G5/8 Inline, EFV, GCS	IL	No	Yes	Yes	972

Upgrade Kits

The valves V11110 and V11130 can be fitted with excess flow valve (See Picture 3) and/or grey hand wheel.

Upgrade kit excess flow valve Hand wheel grey (1x), nut (1x), cover plate (1x), excess flow valve (1x)	V11134	592	1
Excess flow valve	V11011	592	1

Personal Protection Technology

Compressed Air Cylinders - Dräger Cylinder

Description	Order Code	Product Category	Packing unit
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Twin-pack Cylinders Type 3 CC / Type 4 NANO 6.8L 300 Bar

Designated Cylinder Twin-pack for use with PSS AirBoss SCBA

Part number raised upon application to specific configuration;-

- NANO Type 4 Non Limited Life (NLL)
- Carbon Composite Type 3 – 20 year design life
- Yellow painted or unpainted finish
- Filled or Empty
- Label and IFU in required language



6.8L 300 Bar Carbon Composite Type 3 Cylinder Twin-pack

20 year design life

Duration – 90 minutes

G5/8" outlet connection

Includes bottom protective caps

Yellow painted (filled or empty)	Upon application	521	1
Natural unpainted (filled or empty)	Upon application	521	1

6.8L 300 Bar NANO Type 4 Cylinder Twin-pack

Non-limited life (NLL)

Duration 90 minutes

G5/8" outlet connection

Includes bottom and top protective caps

Yellow painted (filled or empty)	Upon application	520	1
Black unpainted (filled or empty)	Upon application	520	1

Personal Protection Technology

Closed-Circuit Breathing Apparatus

Dräger BG ProAir
Dräger PSS BG 4 plus

503
511

Personal Protection Technology

Closed-Circuit Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Closed-Circuit Breathing Apparatus Dräger BG ProAir

Positive pressure closed circuit breathing Apparatus [CCBA]

- 4 hour use according to EN 145
- Oxygen supply option: constant dosage or lung demand
- 200 bar, 2 Liter carbon composite oxygen cylinder
- Integrated cooling system (ice or PCM)
- Full comfort harness with swivelling waist belt assembly
- Tool-free breathing circuit components assembly
- Reflective backplate and harness
- Quick-release shoulder harness and waist belt
- Electronic control unit (ECU) with user interface
- 5x AA battery central power supply

Approved to EN 145 and with CE-Mark.

Flame Engulfment Test according to EN 137.

Connect ECU

Electronic monitoring unit features:

- Bluetooth connection module
- Integrated ADSU and distress signalling
- Visual & acoustic warnings & alarms
- Easy Push-Button operation
- Digital display of cylinder pressure
- User configurable
- Enhanced display
- Automatic self tests and system tests
- Data log with personal ID - Time to whistle, time elapsed
- Integrated telemetry for Dräger FireGround accountability system

Legend:

C Constant dosage oxygen supply

LDV Lung demand valve oxygen supply

ICE Ice cooler

PCM Phase change material cooler

CH Comfort harness



Personal Protection Technology

Closed-Circuit Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Closed-Circuit Breathing Apparatus Dräger BG ProAir

Complete system including CO₂ refill absorber, connect ECU with batteries and cooler including cooling elements. Oxygen cylinder and full face mask have to be ordered separately.



BG ProAir

European approval with CE-mark G3/4" thread connection.

Dräger BG ProAir G3/4-C-ICE-CH	R360500	508	1
Dräger BG ProAir G3/4-C-PCM-CH	R360501	508	1
Dräger BG ProAir G3/4-LDV-ICE-CH	R360502	508	1
Dräger BG ProAir G3/4-LDV-PCM-CH	R360503	508	1

BG ProAir

European approval with CE-mark M24x2 thread connection.

Dräger BG ProAir M24x2-C-ICE-CH	R360508	508	1
Dräger BG ProAir M24x2-C-PCM-CH	R360509	508	1
Dräger BG ProAir M24x2-LDV-ICE-CH	R360510	508	1
Dräger BG ProAir M24x2-LDV-PCM-CH	R360511	508	1

W21.8 thread connection.

Dräger BG ProAir W21.8-C-ICE-CH	R360504	508	1
Dräger BG ProAir W21.8-C-PCM-CH	R360505	508	1
Dräger BG ProAir W21.8-LDV-ICE-CH	R360506	508	1
Dräger BG ProAir W21.8-LDV-PCM-CH	R360507	508	1

W21.8 CA thread connection

BG ProAir W21.8-C-ICE-CH-CA	R360518	508	1
BG ProAir W21.8-C-PCM-CH-CA	R360519	508	1
BG ProAir W21.8-LDV-ICE-CH-CA	R360520	508	1
BG ProAir W21.8-LDV-PCM-CH-CA	R360521	508	1

CGA thread connection

BG ProAir CGA-C-ICE-CH	R360530	508	1
BG ProAir CGA-C-PCM-CH	R360531	508	1
BG ProAir CGA-LDV-ICE-CH	R360532	508	1
BG ProAir CGA-LDV-PCM-CH	R360533	508	1

Dräger BG ProAir configuration	R360400	508	1
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Personal Protection Technology

Closed-Circuit Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Oxygen cylinder

Lightweight design specifically for use in BG ProAir with an integrated pressure indicator and non-limited lifetime (NLL) (where applicable due to regulatory restrictions). All basic cylinders are approved according to the European standard 97/23/EG with CE-Mark.

All cylinders with blank screw and local commissioning according to German regulations. Without a gas filling.



Oxygen cylinder 2 L / 200 bar, G3/4", CC Carbon composite cylinder with non-limited lifetime according to PED to use with ProAir with G3/4 thread connection.	R360396	510	1
Oxygen cylinder 2 L / 200 bar, M24x2, CC Carbon composite cylinder with non-limited lifetime according to PED to use with ProAir with M24x2 thread connection.	R35207	510	1
Oxygen cylinder 2 L / 200 bar, W21.8, CC Carbon composite cylinder with non-limited lifetime according to PED to use with ProAir with W21.8 thread connection.	R360397	510	1
Oxygen cylinder 2 L / 200 bar, configurator, CC Carbon composite cylinder with non-limited lifetime according to PED to use with ProAir with different thread connections and labeling according to local regulation.	R360560	510	1
Oxygen cylinder 2 L / 200 bar, CGA, CC, USA Carbon composite cylinder with 15 years lifetime according to DOT / TC to use with ProAir with CGA540 thread connection.	R360395	510	1
Oxygen cylinder 2 L / 200 bar, W21.8, CC, Canada Carbon composite cylinder with 15 years lifetime according to DOT / TC to use with ProAir with W21.8 thread connection.	R360557	510	1

Personal Protection Technology

Closed-Circuit Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Dräger FPS 7000 with plug-in connector (RP) for BG ProAir

With plug-in connector for closed-circuit breathing apparatus BG ProAir, with polycarbonate anti-scratch coated visor and wiper.

Also available with drinking device.

Approved according to EN 136 with CE-mark.

Approved according to EN 145 with BG ProAir.



Dräger FPS 7000 RP-EPDM-M2-PCas-EPDM	R56326	422	1
Dräger FPS 7000 RP-EPDM-S1-PCas-EPDM	R57675	422	1
Dräger FPS 7000 RP-EPDM-L3-PCas-EPDM	R57676	422	1

(visor: as: anti-scratch)

including drinking device:

Dräger FPS 7000 RP-EPDM-M2-PCas-EPDM-TR	R56670	422	1
Dräger FPS 7000 RP-EPDM-S1-PCas-EPDM-TR	R58135	422	1
Dräger FPS 7000 RP-EPDM-L3-PCas-EPDM-TR	R58136	422	1

Dräger FPS-COM 5000 RP

Is the latest generation of a fully integrated mask communication systems

- For RP-masks for use with CCBA BG ProAir
- With optimized voice quality /voice loudness - due to newly developed digital noise reduction
- Equipped with 2 voice amplifiers
- With 1 optional ear phone (on the left)
- Operation with two easily exchangeable AAA-batteries
- Connection to different radio-types possible via cable or Bluetooth-modules robust, approved according to protection class IP 67
- Standard scope of delivery contains:
Communication Unit for selected breathing mask connectors (RA, P, PE, ESA or RP), 2 AAA batteries and blind cap for radio connections



Dräger FPS-COM 5000 RP	R62703	429	1
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Personal Protection Technology

Closed-Circuit Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Accessories for the Dräger FPS 7000 RP with drinking device

Hydration pack PAKTEEN

The hydration pack PAKTEEN consists of a long-lasting, resistant nylon material. Exterior fillport for easy filling. D-ring attachment points offering possibility to place the unit anywhere.

Spezifikationen:

Capacity: 1.5 l

Dimension: 304 mm x 177 mm x 25 mm

Weight: 0.2 kg



Hydration Pack PAKTEEN (1.5l Hydrolink System)	R57990	428	1
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Accessories for full face masks

Please see also the separate price list "Accessories for full face masks"

Klar-Pilot spray comfort (for FPS 7000 RP)

To reduce fogging of the visor.

R56542

978

1



Like Klar-Pilot spray, but as a 100 ml bottle.

Especially for anti-scratch coated visors in the Dräger masks range.



Klar-Pilot bottle (100 ml)

3736833

978

1

Spectacle frame FPS 7000 (complete)

To be fitted in masks of type FPS 7000, without optical lenses.

R56230

428

1



Hairnet FPS 7000

Especially for carrying the masks of type FPS 7000.

R56197

428

1



Personal Protection Technology

Closed-Circuit Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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CO₂ absorber

CO₂ absorber options:

- Pre-filled absorber (Drägersorb 400 soda lime included)
- Refill absorber (dust filter pads and Drägersorb 400 (soda lime) must be ordered separately).

Pre-filled CO₂ absorber



BG ProAir pre-filled absorber Filled with Drägersorb 400 (soda lime) for single use.	3702050	912	1
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Refill absorber



BG ProAir refill absorber (empty) Refillable after use. Dust filter pads and Drägersorb (soda lime) must be ordered separately.	R360060	509	1
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BG ProAir training absorber Refillable absorber for short duration training, saving 1 kg per use. Dust filter pads and Drägersorb (soda lime) must be ordered separately.	3723084	509	
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Drägersorb 400

Approved for CCBA (BG ProAir, PSS BG 4 plus and BG 4)
shelf-life of 5 years.



Drägersorb 400 - 4,5 kg	6738950	912	1
Drägersorb 400 - 8 kg	6737965	912	1
Drägersorb 400 - 18 kg	6737985	912	1








Dust filter



BG ProAir filter pads For ProAir refill and training absorber. Minimum order quantity is 50 pieces.	R360356	509	1
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Personal Protection Technology

Closed-Circuit Breathing Apparatus

Description	Order Code	Product Category	Packing unit
Ice cooler			
BG ProAir ice cooler housing complete Without ice cartridges.	R360343	591	1
			
BG ProAir ice cooler cartridge Minimum order quantity is 4 pieces.	3701814	509	1
			
PCM cooler			
BG ProAir PCM cooler complete	R360280	591	1
			
Accessory for cooling			
Freezing aid to prevent ICE packs from expansion during freezing.			
BG ProAir freezing aid complete	3723001	509	1
			
Accessories for Dräger BG ProAir			
Heat protection for Dräger BG ProAir reduces the inhalation temperature during fire fighting.			
BG ProAir heat protection breathing hose	3702769	509	1
			
BG ProAir cold protection breathing hose Cold protection for breathing hoses for use below -15°C.	3725347	509	1
			
BG ProAir skids set	3701756	509	1
			
BG ProAir Drill aids for skid mounting	3727013	509	1

Personal Protection Technology

Closed-Circuit Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Training adapter for low-cost training. Breathing ambient air does not require to clean the breathing circuit after use. No use of oxygen and soda lime. Option for connecting a Rd40 filter.



Dräger BG ProAir connector piece training set	3722874	509	1
Particle filter 1140 P3 R (spare filter)	6738932	433	1

BG ProAir PELI transport case

Robust PELI case to store a complete BG ProAir with full face mask ready for use.



Case BG ProAir (w/o products)	3722275	980	1
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Case Oxygen Cylinder CCBA (w/o products) Transport case for up to 6 oxygen cylinders	3718247	980	1
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Test Equipment

Please see the separate price lists for "Test Equipment and Test Accessories". Following test equipment can be recommended: Additionally some parts for the equipment tests are needed.



RZ 7000	R62500	546	1
RZ 7000 test head	R62581	547	1



BG ProAir test set	3722266	509	1
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Bluetooth Low Energy USB Adapter Assy	3721359	524	1
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Spare Parts

For the spare parts please refer to our spare part list which you receive on request:

BG ProAir	E 1114.800
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Personal Protection Technology

Closed-Circuit Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Closed-Circuit Breathing Apparatus Dräger PSS BG 4 plus

PSS BG 4 plus Closed Circuit Breathing Apparatus [CCBA] for 4 hours use.

The apparatus includes the Bodyguard II, the electronic pressure indicator, test- and warning module for 200 bar cylinder pressure.

- Telemetry functionality
- Data logging
- Integrated PASS

Flame engulfment test according to EN 137.

Units tested in accordance to NIOSH-Approval

Legend:

A AP-908-14 NGO-RH-Int

C W21.8x1/14"

K Breathing Connector with Water Trap

P Positiv Pressure



Closed Circuit Breathing Apparatus Dräger PSS BG 4 plus

Basic-scope of delivery without Oxygen cylinder, without CO₂-scrubber and without full face mask.



Closed Circuit Breathing Apparatus positive Pressure PSS BG 4 plus

NIOSH approvals

Dräger PSS BG 4 AP	R34607	511	1
Dräger PSS BG 4 CP	R34608	511	1
Dräger PSS BG 4 APK	R34662	511	1
Dräger PSS BG 4 CPK	R34663	511	1

BG 4 major overhaul kits

Includes all parts (o-rings, valve disc) that need to be replaced after 6 years. Including complete new pressure reducer and minimum valve.

BG 4 major overhaul KIT AP (908-14 NG)	R34825	971	1
BG 4 major overhaul KIT EP G3/4	R34990	971	1
BG 4 major overhaul KIT IP/CP W21.8	R34991	971	1
BG 4 major overhaul KIT FEP M24x12	R34992	971	1

Personal Protection Technology

Closed-Circuit Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Oxygen Cylinder (Dräger PSS BG 4)

All basic cylinders are approved according to the European standard 97/23/EG with CE-Mark. All cylinder without a gas filling, with blank screw and with the local commissioning according to German Regulations.



Oxygen cylinder 2 L / 200 bar, W21,8x1/14", CC Carbon composite cylinder with none limit shelf-life according to PED to use with BG 4 with W21,8x1/14" thread connection.	R35218	510	1
Oxygen cylinder 2 L / 200 bar, M24x2, CC Carbon composite cylinder with none limit shelf-life according to PED to use with BG 4 with M24x2 thread connection.	R35219	510	1
Oxygen cylinder 2 L / 200 bar, G3/4", CC Carbon composite cylinder with none limit shelf-life according to PED to use with BG 4 with G3/4" thread connection.	R35220	510	1
Oxygen cylinder 2 L / 200 bar, configurator, CC Carbon composite cylinder with none limit shelf-life according to PED to use with BG 4 with different thread connections and labeling according to local regulations.	R360310	510	1
Oxygen cylinder USA composite 2 L / 200 bar With valve and connection. AP-908-14 NGO-RH-INT according to DOT and TC.	3721275	510	1
Oxygen cylinder Canada composite 2 L / 200 bar With valve and connection. W21.8x1/14" according to DOT and TC.	3721277	510	1

Personal Protection Technology

Closed-Circuit Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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CO₂ absorber

It is possible to use as CO₂ absorber alternative

- One disposable cartridge (soda lime included) or
- A refill cartridge, dust filter and Drägersorb 400 (soda lime)

Disposable CO₂ absorber

Filled with Drägersorb 400 (soda lime).



Disposable Cartridge	R34360	912	1
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Refill Cartridge

Dust filter and Drägersorb (soda lime) shall be ordered separately.



Refill Cartridge, translucent	R34367	510	1
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Dust filter



Dust-filter (200 each) For BG 4 refill cartridge	R35754	510	1
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Superabsorbent



Superabsorbent fleece for collecting liquid	R34633	510	10
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Drägersorb 400

Approved for PSS BG 4 plus and BG 4 shelf-life of 5 years.



Refill Cartridge, translucent	R34367	510	1
Drägersorb400 - 4,5 kg	6738950	912	10
Drägersorb400 - 8 kg	6737965	912	1
Drägersorb400 - 18 kg	6737985	912	1

Personal Protection Technology

Closed-Circuit Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Accessory for cooling

Fill-Station For BG 4 Refill Cartridge	R33752	510	1
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Freezer canister For preparing the ice candles	R33999	510	1
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Cooler for ice cooling (empty)	R34710	971	10
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Cooling cartridge	R34746	510	1
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Carrying case (for 6 cooling cartridges)	R34767	912	1
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Accessories for Dräger PSS BG 4

Heat protection for Dräger PSS BG 4 plus reduces the inhalation temperature during fire fighting.



Heat protection for breathing hoses	R34745	510	1
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Heat protection for housing	R34646	510	1
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Personal Protection Technology

Closed-Circuit Breathing Apparatus

Description	Order Code	Product Category	Packing unit
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Accessories for Dräger PSS BG 4



Isolation for Dräger PSS BG 4 For use in cold temperature -15°C – -40°C	R34498	510	1
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Training adapter	R34800	510	1
Particle filter 1140 P3 R (spare filter)	6738932	433	1



Transport case Pelicase for PSS BG 4 plus	4055237	980	1
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Test Equipment

Please see the separate price lists for "Test Equipment and Test Accessories".

Following Test Equipment can be recommended:

Additionally some parts for the equipment tests are needed.



RZ 7000	R62500	546	1
RZ 7000 test head	R62581	547	10



Test-set for PSS BG 4 plus and BG 4	R33777	510	1
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Spare Parts

For the spare parts please refer to our spare parts list which you receive on request:

PSS BG 4 plus and BG 4	E 1114.230e
PSS BG 4 plus and BG 4 Gas Cylinder Valves O2	E 1114.112e

Personal Protection Technology

Entry Control / Accountability

DrägerMan PSS Merlin	517
Entry Control Board Dräger REGIS 300	522
Bodyguard 1000	524
Bodyguard 1500	525
Bodyguard Upgrade Kits	526
FireGround Accountability	527

Personal Protection Technology

Entry Control / Accountability

Description	Order Code	Product Category	Packing unit
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CABE Products

Fireground Accountability

Drägerman PSS® Merlin™

Telemetric monitoring and communication system, the PSS Merlin receives data from Self Contained Breathing Apparatus (SCBA) and Closed Circuit Breathing Apparatus (CCBA) when used with Dräger Bodyguard.

A telemetry radio module transmits Personal data From the Bodyguard unit to the Merlin Entry Control Board (ECB) or Merlin Software, which gives the entry control officer a complete overview of the status of all fire fighters deployed at the scene.



Dräger PSS Merlin Software

Dräger Merlin Software operates on Microsoft Windows based computers or Tablets and uses the Merlin PC Modem to send and receive data. The Merlin PC Modem is powered by the weatherproof USB connection and incorporates a RFID reader and writer. The intuitive Software shows the crucial data at one glance, is able To display non telemetry users and provides a summarised view in the overview mode. This mode summarises information from several entry control points and works also in co-usage with Entry Control Boards. After completing the incident, the Merlin Software provides a Comprehensive reporting function.

The delivery consists of Merlin Software, Merlin PC Modem, Antenna, USB Cable and Personal Mount Clip



Drägerman PSS Merlin Software

**Operating frequency 869.5 MHz Requires commissioning [33 59 792]	3362093	524	1
**Operating frequency 450 – 470 MHz Requires commissioning [3360895]	3362093	524	1
**Merlin PC Modem Tablet Adaptor (To compliment the above) Enables usage with Xplore Tablet PC	3360295	524	1

**Note, marked components are to be ordered through configurator part number 3362093

Personal Protection Technology

Entry Control / Accountability

Description	Order Code	Product Category	Packing unit
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Drägerman PSS® Merlin™

PSS Merlin Telemetry entry control board incorporating digital radio, power supply and internal antenna. Capable of handling 12 logged-on BA wearers simultaneously. Displays vital pneumatic and personal status data, evacuation and withdrawal signals and distress signals two 7.2 V rechargeable batteries included.



**Drägerman PSS Merlin Operating frequency 869.5 MHz Requires commissioning [3351145]	3362093	524	1
**Operating frequency 450 – 470 MHz Requires commissioning [3354270]	3362093	524	1

PSS Merlin Modem, PSS® 7000 and PSS® 5000

Telemetric monitoring and communication system, The PSS Merlin Modem receives data from Self Contained Breathing Apparatus (SCBA) PSS 7000 and PSS 5000 when used with Dräger Bodyguard 7000.

Dräger PSS® Merlin™ consists of:

- Modem (commissioned to frequency)
- Rechargeable NiMh battery pack
- Cylinder mounting cradle components
- Yellow ID band
- Battery removal tool

**PSS Merlin Modem (869.5 MHz) [3357982]	3362093	524	1
**PSS Merlin Modem (450-470MHz) [3358410]	3362093	524	1
4 way PSS Merlin Modem Battery Charger base	3357885	524	1
PSS Merlin Modem In Cab Charger	3358063	524	1
PSS Merlin Modem Additional NiMh battery	3358121	524	1

Note : Battery charger will need Universal power supply 3351804 and power cord (see spare parts list 1289.09).
 Commissioning form DMN 5933-1 appendix H must still be completed with Telemetry orders for reference.

Personal Protection Technology

Entry Control / Accountability

Description	Order Code	Product Category	Packing unit
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Bodyguard® 7000

The Bodyguard 7000 is an electronic monitoring unit which provides continuous monitoring of personal information and is designed for telemetry applications. It is required to use Merlin functionality with PSS 5000 or PSS 7000.

Bodyguard 7000 Upgrade Kit (Button)	3357101	524	1
Bodyguard 7000 Upgrade Kit (Tally)	3357098	524	1

Battery management accessories

Universal Power Merlin Power supply for use with Dräger Charging Products 33 51 815 and 33 51 819. Power cord not included	3351804	524	1
Power Cord Merlin Designed for use in the UK and Ireland	3351805	524	1
Power Cord/220V Merlin Designed for use in EU	3351806	524	1
4-way Battery Charger Merlin Modem Battery Charger for the simultaneous charging of 4 modem batteries and executing battery health check. For use with power supply 3351804	3357885	524	1
4-way Battery Charger Merlin Portable Unit 4-way Battery Charger Merlin Modem Battery Charger for the simultaneous charging of 4 modem batteries and executing battery health check. For use with power supply 3351804	3351815	524	1
Merlin Charging Adaptor Kit Kit to allow charging of PSS Merlin™ Control Board Contains one lead for on board charging of batteries and Alternative lead to charge two batteries outside the board	3351819	524	1
Vehicle charger for Merlin Control Board Vehicle charger to allow charging of Merlin™ Control board Within fire appliances. Input (12V / 24V)	3351810	524	1
QR Vehicle charger for Merlin Control Board Quick Release Vehicle Charger to allow charging of Merlin Control Board within fire appliances (Input 12V / 24V)	3354349	524	1
Vehicle Charger for PSS Merlin Modem Vehicle Charger to allow charging of PSS Merlin Modem within fire appliances (Input 12V / 24V)	3358063	524	1
Vehicle charging for Merlin Portable Radio Vehicle clip charger to allow charging of portable radio within fire appliance from vehicles power supply. Input (12V / 24V)	3351681	524	1
Vehicle charging for Merlin Portable Radio 33 51 681, Quick Release	3355184	524	1

Personal Protection Technology

Entry Control / Accountability

Description	Order Code	Product Category	Packing unit
Merlin Control Board 7.2V NiMH Battery Replacement battery for Merlin Control Board	3351223	524	1
Merlin Radio 7.2V NiMH Battery Replacement battery for Merlin Portable Radio Unit	3350752	524	1
System Accessories			
Steel Tripod	3351802	524	1
Support bracket Designed to be used with 3351802 for mounting Drägerman PSS Merlin	3351803	524	1
Protective weather proof cover, Drägerman PSS Merlin Red waterproof protective cover complete with pockets for extra storage facilities for branch lines and accessories	3351812	524	1
Duration Table 6,8L 300 bar	3351845	524	1
Duration Table 9L 300bar	3351847	524	12
Chinagraph pencil Suitable for writing on Dräger PSS Merlin Board	3351237	524	12
Blank tallies Can be programmed using Dräger PSS Merlin Board	3351828	524	12
Battery Removal Key Dräger PSS Merlin Radio battery removal key	3351902	524	4
Propagation Accessories			
Portable Leaky Feeder (100m)	3354787	524	1
Leaky Feeder connector cable	3355188	524	1
T-Piece (BNC)	3355185	524	1
Adapter N/BNC	3355189	524	1
Antenna and Cable (2 m)	3354788	524	1
**Repeater No. 1 Operating frequency 869.5 MHz [3354306]	3362093	524	1
**Repeater No. 1 Operating frequency 450 – 470 MHz [3354789]	3362093	524	1

Personal Protection Technology

Entry Control / Accountability

Description	Order Code	Product Category	Packing unit
**Repeater No. 2 Operating frequency 869.5 MHz [3354562]	3362093	524	1
**Repeater No. 2 Operating frequency 450 – 470 MHz Requires commissioning [3354786]	3362093	524	1

Data Logging Accessories

Software for Data logger Software capable of creating MS Excel spreadsheets Showing complete event log	3351818	524	1
PC Module Link Software Software to Read Data Logging of Bodyguard 7000 and to Update Firmware for Enabling Telemetry Use	3356560	526	1
Data log cable Bodyguard / Merlin Data link cable for Dräger PSS Merlin with serial PC Termination and twin connections suitable for connecting to internal data port of entry control board and also connection of the Bodyguard	3354304	524	1
Data log cable Bodyguard / Merlin Data link cable for Dräger PSS Merlin with serial PC Termination and twin connections suitable for connecting to external data port of entry control board and also connection of the Bodyguard	3356895	524	1

Personal Protection Technology

Entry Control / Accountability

Description	Order Code	Product Category	Packing unit
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CABE Products

Fireground Accountability

Entry Control Boards

Dräger Regis® 300

Offering a monitoring status of team members wearing breathing Apparatus during emergency operations. Regis provides a simple display of fire fighters incident entry times and allows the set up of automatic alarms after pre-defined times have elapsed.



Entry Control Board Dräger Regis® 300

The board monitors up to 3 teams of 3 breathing Apparatus wearers.

The board has three stopwatch displays with easy to read monitoring of remaining time in minutes (counting down). An internal electronic signal-generator gives a loud audible warning signal, when team members should have returned from their work / incident. e.g. when time set has elapsed. Standard-time operating or incident time is set to 30 Minutes.

Other individual time settings are possible by manually selecting the + and - buttons, up to a maximum of + 240 Minutes. Additional audible and visual intermediate warnings at 1/3 to 2/3 of the total "time to whistle" as per the requirements of the German Fire Brigade Regulation No. 7. The real time can be briefly shown in the 3rd Display by the touch of the button. The user information pad on the board has divided inscription fields for 3 teams, these are described with internationally understandable symbols and offer adequate space for important comments about the incident.

Up to 9 name tags can be fixed (with a Carabiner hook) at the bottom of the board. A clamp holds an A4-foil, that can be inscribed with a water resistant felt-tip pen (1 included in delivery with the board) This foil can be detached for later archiving.

Delivery: without name tags, without carabiner hooks



Entry Control Board Dräger Regis 300	R55950	524	1
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Personal Protection Technology

Entry Control / Accountability

Description	Order Code	Product Category	Packing unit
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Name Tags for Dräger Regis 300

All name tags include carabiner hook

Name tags, red (set of 10) e.g. for breathing Apparatus (Definition: short-period or normal breathing Apparatus, 30 min.)	R54532	524	1
Name tags, red (set of 10) e.g. for Closed Circuit Breathing Apparatus. (Definition: long-period or CCBA, 120 min.)	R54533	524	1
Name tags, red (set of 10) (Definition: Long-period-breathing Apparatus (2-cylinder-units, 50 min.)	R54534	524	1

External Signal Generator

External visual alarms via flash signals and acoustic alarm via electronic signal. Several REGIS-boards can transmit alarm signals to this signal generator. Confirmation of alarm signals with alarm-confirmation on the control board.

Precondition is the built-in signal transmitter R 54 995.

External Signal Generator With integrated receiver	R54994	524	1
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Personal Protection Technology

Entry Control / Accountability

Description	Order Code	Product Category	Packing unit
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CABE Products

Compressed Air Breathing Apparatus

Dräger Bodyguard® 1000

Tough yet lightweight, the Dräger Bodyguard 1000 is the newest addition to the Dräger Bodyguard family of Personal Alert Safety Systems (PASS devices). Designed to protect life by alerting the team when a wearer becomes motionless or is in distress, the Draeger Bodyguard 1000 emits loud and clear audible alarms and distinctive visual signals to ensure quick and effective recognition, even in the worst environmental conditions.



Dräger Bodyguard® 1000

Bodyguard 1000, Button	3358684	524	1
Bodyguard 1000, Tally	3358685	524	1
Bodyguard 1000, Tally (2 button switch off)	3359131	524	1

Thermal alarm feature is standard on all variants

Spare Parts

Rubber Cover	3359332	972	1
Kit Crocodile Clip	3359333	972	1
Wire form bracket	3359334	972	1
Seal (Battery Cover)	3359335	972	1
Battery Cover	3359336	972	1
Button Head Screw	3338367	592	1
Tally Key	3359337	592	10
Battery	3356715	972	1

Accessories

Bodyguard PC Link	3356560	524	1
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Personal Protection Technology

Entry Control / Accountability

Description	Order Code	Product Category	Packing unit
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CABE Products

Compressed Air Breathing Apparatus

Dräger Bodyguard® 1500

Bodyguard 1500 is a wireless integrated PASS device which increases safety of the wearer in situations that are potentially hazardous to life. The automatically activated PASS allows attention to be drawn to colleagues who are trapped, motionless or in distress; generating clear and distinctive alert signals.

Pressure data is transmitted wirelessly between the Bodyguard TX analogue gauge and the Bodyguard 1500 PASS device, allowing both visual and acoustic intermediate and low pressure alerts, giving an added dimension of safety.



Dräger Bodyguard® 1500 Upgrade Kits



Bodyguard
1500 PASS

PSS 7000
PC Link
Module

TX Gauge

TX Gauge Kit (including Bodyguard 1500 PASS)		3360992	524	1
TX Gauge Kit		3360139	524	1
Bodyguard 1500 PASS (Button)		3360839	524	1
Bodyguard 1500 PASS (Tally)		3360840	524	1
PSS 7000 PC Link Module including software		3356560	524	1
H. P. Hose Assembly		3357284	972	1
Battery (CR123A)		3356715	972	1
FPS 7000 HUD Receiver		3356555	524	1

For Bodyguard 1500 and TX Gauge fitted to SCBA, see the relevant PSS3000, PSS4000, PSS5000 or PSS 7000 price lists (EN137:2006 Type 2 approval).

Personal Protection Technology

Entry Control / Accountability

Description	Order Code	Product Category	Packing unit
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CABE Products

Compressed Air Breathing Apparatus

Dräger Bodyguard® 7000

Upgrade Kits

Bodyguard 7000

Electronic monitoring unit features:

- Integrated ADSU and distress signalling
- Visual & acoustic warnings & alarms
- Easy push-button operation
- Digital display and analogue representation of cylinder pressure
- User configurable
- Enhanced display with scrolling text
- Automatic self tests and system tests
- Data log with personal ID
- PC link software
- Time to whistle
- Choice of operation modes
- Lightweight user friendly design



Bodyguard® 7000

The Dräger Bodyguard 7000 is an electronic monitoring unit which provides continuous monitoring of personal information and operational status of the Dräger PSS 7000 and PSS 5000 Self Contained Breathing Apparatus.



Bodyguard 7000 Upgrade kit (Button) excluding battery pack	3357101	524	1
Bodyguard 7000 Upgrade kit (Tally) excluding battery pack	3357098	524	1
Dräger PSS 7000 Accessories and upgrades PSS 7000 Electronics			
Bodyguard 7000 AA battery pack (set of 5 batteries included)	3356556	524	1
Bodyguard 7000 PC Interface Module (incl.PC Software)	3356560	524	1
Bodyguard 7000 Personal ID Cards (pack of 10)	3356561	524	1
Bodyguard 7000 NiMh battery pack (non PSS Merlin Modem use)	3361471	524	1
Bodyguard 7000 NiMh battery pack (for use with PSS Merlin Modem)	3358121	524	1

Personal Protection Technology

Entry Control / Accountability

Description	Order Code	Product Category	Packing unit
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CABE Products Fireground Accountability

Fire and emergency services require every advantage possible in tackling increasingly complex emergencies.

During deployment, the incident commander needs live information from all SCBA wearers at all entry points and to know they are accounted for in any scenario.

The Dräger FireGround Accountability System accomplishes this in a rapidly deployable mode and minimises the need for voice communication via radio and allows remote monitoring with incident reporting.

Every FireGround HUB and FireGround Repeater requires two re-chargeable batteries.

Either a PSS AirBoss Clip Charger or PSS AirBoss 5 way Desk Top Charger is required



FireGround Hub

The Dräger FireGround HUB connects Draeger PSS AirBoss to the FireGround Accountability System.

It is a portable device that can be carried by the Firefighter, placed close to the entry point, or placed in the Fire Truck.

Carry Strap is included with HUB



Order via Configurator 3733922

FireGround HUB 469 MHz Order Via Configurator [3720211]	3733922	524	1
FireGround HUB 869 MHz Order Via Configurator [3720212]	3733922	524	1
FireGround HUB 917 MHz Order Via Configurator [3720209]	3733922	524	1
FireGround HUB 915 MHz Order Via Configurator [3720214]	3733922	524	1

Personal Protection Technology

Entry Control / Accountability

Description	Order Code	Product Category	Packing unit
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FireGround Repeater

The range of a Accountability system is affected by the type of construction and building

(e.g. warehouses or tunnels).

In case of higher number of turns, elevation and lengths the Draeger FireGround Repeater prolongs the range between the PSS AirBoss Connect and Dräger FireGround HUB.



Order via standard part numbers

FireGround Repeater 1 469 MHz	3720215	524	1
FireGround Repeater 1 869 MHz	3720216	524	1
FireGround Repeater 1 917 MHz	3720217	524	1
FireGround Repeater 1 915 MHz	3720218	524	1
FireGround Repeater 2 469 MHz	3735557	524	1
FireGround Repeater 2 869 MHz	3735558	524	1
FireGround Repeater 2 917MHz	3735559	524	1
FireGround Repeater 2 915MHz	3735560	524	1

Batteries and Charging Option

Every FireGround HUB and FireGround repeater requires two re-chargeable batteries. Either a PSS AirBoss Clip Charger or PSS AirBoss 5 way Desk Top Charger is required

PSS AirBoss Rechargeable Power pack	3708123	524	1
PSS AirBoss Clip Charger –also need to order Nexus Cable and Socket	3711536	524	1
NEXUS Cable and Socket	3354574	524	1
PSS AirBoss 5 Way Desktop Charger	3723650	524	1

Personal Protection Technology

Entry Control / Accountability

Description	Order Code	Product Category	Packing unit
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FireGround ECB

The Dräger FireGround ECB (entry control board) is a portable unit which assists the entry control officer (ECO)

at an incident where FireGround telemetry equipment is being used. The ECB expands the use of the Dräger FireGround HUB and FireGround App



Order via standard part numbers

FireGround ECB

The ECB comes as a standard offering and is to be used in conjunction with a Galaxy S9 + tablet *

*Tablets are not sold by Dräger

3733737

524

1

FireGround ECB Accessories

Tripod	3733753	524	1
HUB Bracket	3734396	524	1
ECB Stowage Cover	3733759	524	1
Carry Strap	3720726	524	1

Personal Protection Technology

Entry Control / Accountability

Description	Order Code	Product Category	Packing unit
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FireGround Web

Dräger FireGround Web enables command staff and workshop to utilise the data created on scene wherever they are. They can remotely monitor multiple incidents at any time and get the full incident report afterwards.

FireGround Web expands the Accountability system consisting of Dräger FireGround HUB and FireGround App.

FireGround Web also links to the new cloud-based solution for workshop and asset management: Dräger Resource and Asset management (RAM) (ref. chapter 26).



Order via standard part numbers

FireGround Web Standard annual license gives access to all launch functionalities of FireGround Web. Renews every year. 1 license per FireGround HUB in operation is required.	3728013	555	1
FireGround Web API license The annual API license allows the user to extract data from FireGround Web for further use in other software. Renews every year. Can only be used in addition to '3728013'. 1 license per FireGround HUB in operation is required.	3732599	555	1
FireGround Web Basic access license The Basic access license allows the user to create and maintain a list of BA wearers in his fire service as well as the FireGround Apps and HUBs in use. Renews every year.	3734759	555	1

Personal Protection Technology

Fire and Rescue Helmets

Dräger HPS 7000 Fire helmet, Jet-style long	532
Dräger HPS SafeGuard EN Fire & Rescue Helmet, Jet-style short	553
Dräger HPS SafeGuard NFPA Fire & Rescue Helmet, Jet-style short	565
Dräger HPS SafeGuard AS/NZS Fire & Rescue Helmet, Jet-style short	574
Dräger HPS 4500 Traditional half shell fire helmet	584
Dräger HPS 3500 Multifunctional Rescue Helmet	588
Dräger HPS AquaRescue Water rescue helmet	593

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit	Price/ea Excl. VAT
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Fire Helmet, Jet-style long Dräger HPS® 7000

- Helmet shell made of composite material consisting of glass fiber reinforced plastics (PA-GF), additional reinforced with aramid fibers, high temperature-resistant
- Two helmet shell sizes: H1: for head sizes from 52 to 62 and optional for 50/51 (when using additional padding), H2: for head sizes from 56 to 64/66, both continuously adjustable via special wheel
- Weight:
HPS 7000 Basic, size H1: approx. 1.360 g (+/- 5%),
HPS 7000 Standard, size H1: approx. 1.430 g (+/- 5%),
HPS 7000 PRO, size H1: approx. 1.540 g (+/- 5%),
- Padded 4-point-harness made from Nomex, flame and heat resistant, washable
- Head band made from "eco-leather", neck and chin straps are easy and secure individual adjustable to any head form and size
- Integrated comfort hairnet for height adjustment and good climate inside the helmet
- wheel at the helmet outer shell, to adjust the individual head size, easily operated with firefighter gloves during operations
- Interior design: easy assemble and disassemble with standard tools, washable manually or in an industrial washing machine
- Face guard made from high-temperature resistant material, approved according to EN 14458:2018, available in different versions
- All versions HPS 7000 PRO have additionally an integrated eye guard made from high temperature resistant material, approved according to EN 14458:2018, available in different versions
- All versions HPS 7000 Standard and PRO fitted with a mask adaptation system to use as a mask-helmet-combination with full face masks Dräger FPS 7000 / FPS 7000 COM Plus and Panorama Nova (S-/Q-fix)
- All versions are optional retrofittable with: in the front plate integrated helmet lamp HPS FlashLight (LED)
- Further additional and optional accessories available, e. g. neck curtains, lamp holder for external lamp, front plate labels and reflective stripes for helmet-back in different versions.
- All versions are optional retrofittable with the new innovative helmet communication system Dräger HPS COM
- Helmet system approved according to EN 443:2008 (Structural Fire Fighting, type B 3b), DIN 58610 (mask-helmet-combination), EN 16471:2014 (Wildland- and Bush Fire Fighting), EN 16473:2014 (Technical Rescue)



Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
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Integrated face protection	Yes	Yes	Yes
Integrated eye protecting goggles	No	No	Yes
Option to use as a mask-helmet-combination (MHC)	No	Yes	Yes
Option to connect the integrated helmet lamp HPS FlashLight	Yes	Yes	Yes
Option to connect a standard helmet lamp	No	Yes	Yes
Option to mount thermal imaging camera Dräger UCF FireCore	No	Yes	Yes

Dräger HPS® 7000 Basic size HI

with an integrated clear face guard made of high temperature resistant APEC material, permanently anti-fog coated inside, and anti-scratch coated outside with matt-black front plate, without integrated eye guard, without mask adapter and without option to fit an external lamp, without reflective stripes on the back.



Dräger HPS 7000 Basic luminescent/matt black Luminescent	R79170	400	1
Dräger HPS 7000 Basic red/matt black Red (RAL 3000)	R79172	400	1
Dräger HPS 7000 Basic fluorescent yellow/matt black Fluorescent yellow (RAL 1026)	R79173	400	1

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
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Dräger HPS® 7000 Standard size H1

with an integrated clear face guard made of high temperature resistant APEC material, permanently anti-fog coated inside, and anti-scratch coated outside, without integrated eye guard, with matt-black front plate, with mask adapter and option to fit an external lamp, without reflective stripes on the back.



Dräger HPS 7000 Standard luminescent/matt black Luminescent	R79364	400	1
Dräger HPS 7000 Standard white/matt black White (RAL 9010)	R79366	400	1
Dräger HPS 7000 Standard red/matt black Red (RAL 3000)	R79368	400	1
Dräger HPS 7000 Standard fluorescent yellow/matt black Fluorescent yellow (RAL 1026)	R79353	400	1

Dräger HPS® 7000 PRO, size H1

with an integrated clear face guard and with an integrated clear eye guard, both made of high temperature resistant APEC material, permanently anti-fog coated inside, and anti-scratch coated outside, with matt-black front plate, with mask adapter and option to fit an external lamp, including reflective stripes on the back side of the helmet as well as Dräger-FB-Logo on the front plate



Dräger HPS 7000 PRO luminescent/matt black Luminescent	R79250	400	1
Dräger HPS 7000 PRO red/matt black Red (RAL 3000)	R79252	400	1
Dräger HPS 7000 PRO fluorescent yellow/matt black Fluorescent yellow (RAL 1026)	R79253	400	1

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
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Further variants of Dräger HPS® 7000 in size H1 can be ordered as modular versions (via configurator) – with order code R79571

According to your application you put together your individual set from the following options. The single prices of the chosen components will determine the set price.



1. Helmet shell			
Dräger HPS 7000 H1: luminescent (similar to RAL 110)		400	1
Dräger HPS 7000 H1: white (RAL 9010)		400	1
Dräger HPS 7000 H1: red (RAL 3000)		400	1
Dräger HPS 7000 H1: signal blue (RAL 5005)		400	1
Dräger HPS 7000 H1: zinc yellow (RAL 1018)		400	1
Dräger HPS 7000 H1: fluorescent yellow (RAL 1026)		400	1
Dräger HPS 7000 H1: fluorescent orange (RAL 2005)		400	1
Dräger HPS 7000 H1: white aluminum (RAL 9006)		400	1
Dräger HPS 7000 H1: black (RAL 9005)		400	1
Dräger HPS 7000 H1: chrome		400	1
Dräger HPS 7000 H1: yellow-green (RAL 6018)		400	1
Dräger HPS 7000 H1: luminescent yellow (similar to RAL 1016)		400	1
2. Harness			
Harness: size S		400	1
Harness: size M (Standard selection)		400	1
Harness: size L		400	1
3. Comfort net/Comfort-Pad			
Comfort net, standard (Standard selection)		400	1
Comfort-Pad		400	1
4. Head padding			
Pad for head size >= 52 (Standard selection)		400	1
Pad for head size 50/51		400	1
5. Rear head padding			
Rear head padding, 4 mm (Standard selection)		400	1
Rear head padding, 8 mm		400	1

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
6. Function plates			
Function plates, Basic		400	1
Function plates, Standard		400	1
Function plates, PRO		400	1
7. Eye guard (only for PRO versions)			
Eye guard: H1-Apec, clear AS/ AF		400	1
Eye guard: H1-Apec, tinted AS/ AF		400	1
8. Face guard			
Face guard: H1- Apec, clear AS/ AF (Standard selection)		400	1
Face guard: H1- Apec, Gold-R1 AS/ AF		400	1
9. Communication unit			
Dräger HPS-COM Boom Mic		400	1
Dräger HPS-COM Short Boom Mic		400	1
Dräger HPS-COM Bone Mic		400	1
Dräger HPS-COM Throat Mic		400	1
Dräger HPS-COM dual Mic Bone/ Boom		400	1
Dräger HPS-COM dual Mic Bone/ Short Boom		400	1
Dräger HPS-COM unit built-in (right side only)		400	1
No communication unit (Standard selection)		400	1
10. Adaptation for communication units			
No adapter (Standard selection)		400	1
HolmCo plug-in plate (enclosed) **		400	1

** To attach the "Scorpion" com headset model from HOLMCO-Holmberg GmbH & Co. KG to our HPS 7000

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
11. COM Plug Protection (only for PRO and Standard versions)			
No Plug Protection (Standard selection)		400	1
COM Plug Protection – built on left side		400	1
COM Plug Protection – built on right side		400	1
12. Lamp holder (only for PRO or Standard versions)			
Lamp Holder, PX 1 (1 piece) – built-on left		400	1
Lamp Holder, PX 1 (1 piece) – built-on right		400	1
Lamp Holder, PX 1 (2 piece) – built on both helmet sides		400	1
PARASNAP helmet adapter (1 piece) – built-on left		400	1
PARASNAP helmet adapter (1 piece) – built-on right		400	1
PARASNAP helmet adapter (2 pieces) – built-on both helmet sides		400	1
PARASNAP is a two-piece solution, additionally to the helmet adapter a lamp holder needs to be chosen:			
PARASNAP lamp holder for PX1 (1 piece)		400	1
PARASNAP lamp holder for PX1 (2 pieces)		400	1
PARASNAP lamp holder for PX2 (1 piece)		400	1
PARASNAP lamp holder for PX2 (2 pieces)		400	1
PARASNAP SNAP-IN CAM - (1 piece)		400	1
PARASNAP SNAP-IN CAM - (2 pieces)		400	1
PARASNAP PX1 & SNAP-IN CAM Combination of lamp holder for PX1 and adapter for attaching a GoPro or action cam		400	1
PARASNAP PX2 & SNAP-IN CAM Combination of lamp holder for PX2 and adapter for attaching a GoPro or action cam		400	1
SNAP-IN CAM is an adapter to attach a GoPro Camera, not for structural firefighting applications			
Lamp holder, Adaro (1 piece) – built-on left		400	1
Lamp holder, Adaro (1 piece) – built on right		400	1
Lamp holder, Adaro (2 piece) – built on both helmet sides		400	1
13. Lamp Dräger PX Series			
None		400	1
PX 1 LED (120 lum) - 1 piece		400	1
PX 1 LED (120 lum) - 2 pieces		400	1
PX 1 SHORTY LED (80 lum) - 1 piece		400	1
PX 1 SHORTY LED (80 lum)- 2 pieces		400	1
PX 2 LED (30 lum)- 1 piece		400	1
PX 2 LED (30 lum)- 2 pieces		400	1

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Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
14. Rear light Dräger HPS BuddyLight			
Adapter for HPS BuddyLight		400	1
HPS BuddyLight incl. Adapter		400	1
15. Integrated helmet lamp			
Preparation for integrated helmet lamp*		400	1
Integrated helmet lamp HPS FlashLight*		400	1
Without integrated helmet lamp		400	1
* Price for front plate for the integrated helmet lamp listed under front plates.			
16. Front plate			
Front plate for the integrated helmet lamp: matt black only		400	1
Front plate: matt black		400	1
Front plate: luminescent		400	1
Front plate: white		400	1
Front plate: red		400	1
Front plate: blue		400	1
Front plate: zinc yellow		400	1
Front plate: black		400	1
Front plate: fluorescent yellow		400	1
Front plate: fluorescent orange		400	1
Front plate white aluminum		400	1
Front plate: chrome		400	1
Front plate: yellow-green		400	1
Front plate: gold		400	1
Front plate: luminescent yellow		400	1
17. Adapter for thermal imaging camera Dräger UCF FireCore			
UCF FireCore Smart Adapter (HPS 7000) - built-on right		400	1
UCF FireCore Smart Adapter (HPS 7000) - built-on left		400	1
UCF FireCore Smart Adapter (HPS 7000) MHK - built-on right		400	1
UCF FireCore Smart Adapter (HPS 7000) MHK - built-on left		400	1
18. Neck protector			
HPS 7000 neck protector Aramid short		400	1
HPS 7000 neck protector Aramid / Alu		400	1
HPS 7000 neck protector Aramid / Alu short		400	1
HPS 7000 neck protector Aramid dutch version, 3 layers		400	1
HPS 7000 neck protector Aramid/ Alu XXL		400	1

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
19. Further Accessories			
Writable label (glued in)		400	1
LF-RFID tag (glued in)		400	1
UFH-RFID tag (glued in)		400	1
Barcode label 22x8 mm (glued in)		400	1
Barcode label 30x13 mm (glued in)		400	1
Reflective strip: rank		400	1
Antifog solution		400	1
HPS 7000 helmet cover		400	1
Helmet bag		400	1
Carrying bag		400	1
20. Reflective stripes, on the back side			
Without label		400	1
Reflective stripes, 3 pieces, HI: silver		400	1
Reflective stripes, 3 pieces, HI: red		400	1
Reflective stripes, 3 pieces, HI: yellow		400	1
Reflective stripes, 3 pieces, HI: blue		400	1
Reflective stripes, 3 pieces, HI: gold		400	1
Reflective stripes, 2 pieces, HI: silver		400	1
Reflective stripes, 2 pieces, HI: red		400	1
Reflective stripes, 2 pieces, HI: yellow		400	1
Reflective stripes, 2 pieces, HI: blue		400	1
Reflective stripes, 2 pieces, HI: gold		400	1
21. Reflective stripes, lateral			
No design stripes		400	1
Design stripe (Wing): red		400	1
Design stripe (Wing): yellow		400	1
Design stripe (Wing): silver		400	1
Design stripe (Wing): black		400	1
Design stripe (Wing): blue		400	1
Design stripe (Wing): gold		400	1

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
22. Reflective stripes, on the front side			
No design stripes:		400	1
Design stripes, one arch: red		400	1
Design stripes, one arch: yellow		400	1
Design stripes, one arch: silver		400	1
Design stripes, one arch: black		400	1
Design stripes, one arch: blue		400	1
Design stripes, one arch: gold		400	1
Design stripes, two arches: red		400	1
Design stripes, two arches: yellow		400	1
Design stripes, two arches: silver		400	1
Design stripes, two arches: black		400	1
Design stripes, two arches: blue		400	1
Design stripes, two arches: gold		400	1
23. Labeling, on the front plate			
Without label		400	1
Label: firefighting logo (Standard selection)		400	1
Label: "Sapeurs pompiers" (France)		400	1
Label: "Marins pompiers" (France)		400	1
Label: "A" (Germany)		400	1
Label: individual logo (see under 23.a)			

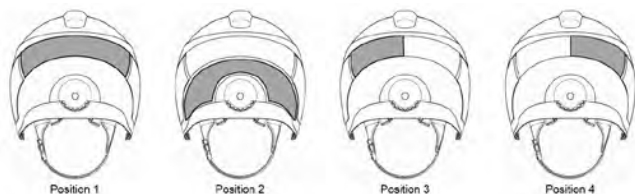
Customized markings - logos and writing on the helmet

23.a Front plate label with individual logo			
Logo on transparent foil		400	1
Logo on black reflective foil		400	1
Logo on silver-white reflective foil		400	1

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
24. Individual writing			
Individual writing (Position 1)*		400	1
Individual writing (Position 2)*		400	1
Individual writing (Position 3)*		400	1
Individual writing (Position 4)*		400	1
*available in black, red, white			
Surcharge for different writing			
		400	1



Further variants of Dräger HPS® 7000 in size H2 can be ordered as modular versions (via configurator) – with order code R79572

According to your application you put together your individual set from the following options. The single prices of the chosen components will determine the set price.

1. Helmet shell			
Dräger HPS 7000 H2: luminescent (similar to RAL 110)		400	1
Dräger HPS 7000 H2: white (RAL 9010)		400	1
Dräger HPS 7000 H2: red (RAL 3000)		400	1
Dräger HPS 7000 H2: signal blue (RAL 5005)		400	1
Dräger HPS 7000 H2: zinc yellow (RAL 1018)		400	1
Dräger HPS 7000 H2: fluorescent yellow (RAL 1026)		400	1
Dräger HPS 7000 H2: fluorescent orange (RAL 2005)		400	1
Dräger HPS 7000 H2: white aluminum (RAL 9006)		400	1
Dräger HPS 7000 H2: black (RAL 9005)		400	1
Dräger HPS 7000 H2: chrome		400	1
Dräger HPS 7000 H2: yellow green (RAL 6018)		400	1
Dräger HPS 7000 H2: luminescent yellow (similar to RAL 1016)		400	1

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
2. Harness			
Harness: size S		400	1
Harness: size M		400	1
Harness: size L (Standard selection)		400	1
3. Comfort net/Comfort-Pad			
Comfort net, standard (Standard selection)		400	1
Comfort-Pad		400	1
4. Rear head padding			
Rear head padding, 4 mm (Standard selection)		400	1
Rear head padding, 8 mm		400	1
5. Function plates			
Function plates, Basic		400	1
Function plates, Standard		400	1
Function plates, PRO		400	1
6. Eye guard (only for PRO versions)			
Eye guard: H2 Apec, clear AS/ AF (Standard selection)		400	1
Eye guard: H2 Apec, tinted AS/ AF		400	1
7. Face guard			
Face guard: H2 Apec, clear AS/ AF (Standard selection)		400	1
Face guard: H2 Apec, Gold-R1 AS/AF		400	1
Face guard: H2-PESU, Gold-R2		400	1
8. Communication unit			
Dräger HPS-COM Boom Mic		400	1
Dräger HPS-COM Short Boom Mic		400	1
Dräger HPS-COM Bone Mic		400	1
Dräger HPS-COM Throat Mic		400	1
Dräger HPS-COM dual Mic Bone/ Boom		400	1
Dräger HPS-COM dual Mic Bone/ Short Boom		400	1
Dräger HPS-COM unit built-in (right side only)		400	1
Dräger HPS-COM Adapter für HPS 7000 H2 (Automatically selected when choosing a HPS COM unit for size H2)		400	1
No communication unit (Standard selection)		400	1

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
9. Adaptation for communication units			
No adapter		400	1
COM Adapter H2**		400	1
COM Adapter H2** – built on right side		400	1
COM Adapter H2** – built on left side		400	1
** Only needed to adapt communication systems outside the Dräger standard portfolio			
HolmCo plug-in plate (enclosed) ***		400	1
HolmCo additional cover H2 (built-on) ***		400	1
*** To attach the “Scorpion” com headset model from HOLMCO-Holmberg GmbH & Co. KG to our HPS 7000			
10. COM Plug Protector (only for PRO and Standard versions)			
No Plug Protection (Standard selection)			
COM Plug Protector – built on right side		400	1
COM Plug Protector – built on left side		400	1
11. Lamp holder (only for PRO and Standard versions)			
Lamp Holder, PX 1 (1 piece) – built-on left		400	1
Lamp Holder, PX 1 (1 piece) – built-on right		400	1
Lamp Holder, PX 1 (2 piece) – built on both helmet sides		400	1
PARASNAP helmet adapter (1 piece) – built-on left		400	1
PARASNAP helmet adapter (1 piece) – built-on right		400	1
PARASNAP helmet adapter (2 pieces) – built-on both sides		400	1
PARASNAP is a two-piece solution, additionally to the helmet adapter a lamp holder needs to be chosen:			
PARASNAP lamp holder for PX1 (1 piece)		400	1
PARASNAP lamp holder for PX1 (2 pieces)		400	1
PARASNAP lamp holder for PX2 (1 piece)		400	1
PARASNAP lamp holder for PX2 (2 pieces)		400	1
PARASNAP SNAP-IN CAM - (1 piece)		400	1
PARASNAP SNAP-IN CAM - (2 pieces)		400	1
PARASNAP PX1 & SNAP-IN CAM Combination of lamp holder for PX1 and adapter for attaching a GoPro or action cam		400	1
PARASNAP PX2 & SNAP-IN CAM Combination of lamp holder for PX2 and adapter for attaching a GoPro or action cam		400	1
SNAP-IN CAM is an adapter to attach a GoPro Camera, not for structural firefighting applications			
PARASNAP® is a registered trademark of company PARAT Solutions GmbH			
Lamp holder, Adaro (1 piece) – built-on left		400	1
Lamp holder, Adaro (1 piece) – built on right		400	1
Lamp holder, Adaro (2 piece) – built on both helmet sides		400	1

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
12. Lamp Dräger PX series			
None		400	1
PX 1 LED (120 lum) - 1 piece		400	1
PX 1 LED (120 lum) - 2 pieces		400	1
PX 1 SHORTY LED (80 lum) - 1 piece		400	1
PX 1 SHORTY LED (80 lum)- 2 pieces		400	1
PX 2 (30 lum)- 1 piece		400	1
PX 2 (30 lum)- 2 pieces		400	1
13. Rear light Dräger HPS BuddyLight			
Adapter for HPS BuddyLight		400	1
HPS BuddyLight incl. Adapter		400	1
14. Integrated helmet lamp			
Preparation for integrated helmet lamp*		400	1
Integrated helmet lamp HPS FlashLight*		400	1
Without integrated helmet lamp		400	1
* Price for front plate for the integrated helmet lamp listed under front plates.			
15. Front plate			
Front plate for the integrated helmet lamp: matt black only		400	1
Front plate: matt black		400	1
Front plate: luminescent		400	1
Front plate: white		400	1
Front plate: red		400	1
Front plate: blue		400	1
Front plate: zinc yellow		400	1
Front plate: black		400	1
Front plate: fluorescent yellow		400	1
Front plate: fluorescent orange		400	1
Front plate: white aluminium		400	1
Front plate: chrome		400	1
Front plate: yellow green		400	1
Front plate: gold		400	1
Front plate: luminescent yellow		400	1
16. Adapter for thermal imaging camera Dräger UCF FireCore			
UCF FireCore Smart Adapter (HPS 7000) - built-on right		400	1
UCF FireCore Smart Adapter (HPS 7000) - built-on left		400	1
UCF FireCore Smart Adapter (HPS 7000) MHK - built-on right		400	1
UCF FireCore Smart Adapter (HPS 7000) MHK - built-on left		400	1
17. Neck protector			
HPS 7000 neck protector Aramid short		400	1
HPS 7000 neck protector Aramid / Alu		400	1

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
HPS 7000 neck protector Aramid dutch version, 3 layers		400	1
HPS 7000 neck protector Aramid / Alu XXL		400	1
HPS 7000 neck protector Aramid / Alu short		400	1
18. Further Accessories			
Writing label		400	1
LF-RFID tag (glued in)		400	1
UFH-RFID tag (glued in)		400	1
Barcode label 22x8 mm (glued in)		400	1
Barcode label 30x13 mm (glued in)		400	1
Reflective strip: rank		400	1
Antifog solution		400	1
HPS 7000 helmet cover		400	1
Helmet bag		400	1
19. Reflective stripes, on the back side			
Without label:		400	1
Reflective stripes, 3 pieces, H2: silver		400	1
Reflective stripes, 3 pieces, H2: red		400	1
Reflective stripes, 3 pieces, H2: yellow		400	1
Reflective stripes, 3 pieces, H2: blue		400	1
Reflective stripes, 3 pieces, H2: gold		400	1
Reflective stripes, 2 pieces, H2: silver		400	1
Reflective stripes, 2 pieces, H2: red		400	1
Reflective stripes, 2 pieces, H2: yellow		400	1
Reflective stripes, 2 pieces, H2: blue		400	1
Reflective stripes, 2 pieces, H2: gold		400	1
20. Reflective stripes, lateral			
No design stripes		400	1
Design stripe (wing): red		400	1
Design stripe (wing): yellow		400	1
Design stripe (wing): silver		400	1
Design stripe (wing): black		400	1
Design stripe (wing): blue		400	1
Design stripe (wing): gold		400	1

Personal Protection Technology

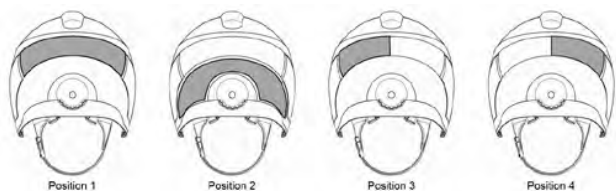
Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
21. Reflective stripes, on the front side			
No labelling on front side:		400	1
Design stripes, one arch: red		400	1
Design stripes, one arch: yellow		400	1
Design stripes, one arch: silver		400	1
Design stripes, one arch: black		400	1
Design stripes, one arch: blue		400	1
Design stripes, one arch: gold		400	1
Design stripes, two arches: red		400	1
Design stripes, two arches: yellow		400	1
Design stripes, two arches: silver		400	1
Design stripes, two arches: black		400	1
Design stripes, two arches: blue		400	1
Design stripes, two arches: gold		400	1
22. Labeling, on the front plate			
Without label		400	1
Label: firefighting logo (Standard selection)		400	1
Label: "Sapeurs pompiers" (France)		400	1
Label: "Marins pompiers" (France)		400	1
Label: "A" (Germany)		400	1
Label: individual logo (see under 22.a)			
Customized logos and writing on the helmet			
22.a Front plate label with individual logo			
Logo on transparent foil		400	1
Logo on black reflective foil		400	1
Logo on silver-white reflective foil		400	1

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
23. Individual writing			
Individual writing (Position 1)*		400	1
Individual writing (Position 2)*		400	1
Individual writing (Position 3)*		400	1
Individual writing (Position 4)*		400	1
*available in black, red, white			
Surcharge for different writing			
		400	1



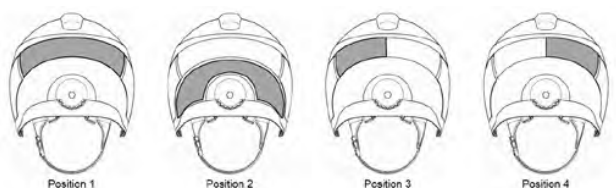
Dräger HPS® 7000 Customized marking

Customized logos on the front plate and individual writing can be ordered as a spare part via the new spare part configurator

– with order code R80089

The single prices of the chosen components will determine the set price. This article must be ordered in multiples of 10.

Front plate label with individual logo			
Logo on transparent foil		400	10
Logo on black reflective foil		400	10
Logo on silver-white reflective foil		400	10
Individual writing			
Individual writing (Position 1)*		400	10
Individual writing (Position 2)*		400	10
Individual writing (Position 3)*		400	10
Individual writing (Position 4)*		400	10
*available in black, red, white			
Surcharge for different writing			
		400	1



Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
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Accessories

Optional

Neck protector Aramid / Alu (for H1 and H2)	R79145	406	1
Neck protector Aramid / Alu short (for H1 and H2)	3700329	406	1
Neck protector Aramid / short (for H1 and H2)	R79146	406	1
Neck protector Aramid Dutch version, 3 layers (for H1 and H2)	R79147	406	1
Neck protector Aramid / Alu XXL (for H1 and H2)	R79480	406	1
HPS 7000 face guard H1-Apec, clear AS/AF	3700711	406	1
HPS 7000 face guard H1-Apec, Gold-R1 AS/AF	3700712	406	1
HPS 7000 face guard H2 Apec, clear AS/AF	3700721	406	1
HPS 7000 face guard H2 Apec, Gold-R1 AS/AF	3700722	406	1
HPS 7000 face guard H2-PESU, Gold-R2	R79465	406	1
HPS 7000 eye guard H1- Apec, clear AS/AF	3721338	406	1
HPS 7000 eye guard H1- Apec, tinted AS/AF	3721339	406	1
HPS 7000 eye guard H2 Apec, clear AS/AF	3724452	406	1
HPS 7000 eye guard H2 Apec, tinted AS/AF	3724453	406	1
Anti-fog spray flacon kp Comfort, 15ml	R56542	978	1
Klar-Pilot fluid (50 mL)	R52550	978	1
Reflective Stripes, on the back side			
Reflective Stripes, 3-piece H1, silver	R79284	406	1
Reflective Stripes 3-piece H1, red	R79141	406	1
Reflective Stripes 3-piece H1, yellow	R79142	406	1
Reflective Stripes 3-piece H1, blue	R79143	406	1
Reflective Stripes 3-piece H1, gold	3723815	406	1

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
Reflective Stripes 3-piece H2, silver	R79466	406	1
Reflective Stripes 3-piece H2, red	R79467	406	1
Reflective Stripes 3-piece H2, yellow	R79468	406	1
Reflective Stripes 3-piece H2, blue	R79469	406	1
Reflective Stripes 3-piece H2, gold	3723816	406	1
Reflective Stripes, 2-piece H1, silver	3700631	406	1
Reflective Stripes 2-piece H1, red	R80092	406	1
Reflective Stripes 2-piece H1, yellow	R80094	406	1
Reflective Stripes 2-piece H1, blue	R80093	406	1
Reflective Stripes 2-piece H1, gold	3723817	406	1
Reflective Stripes 2-piece H2, silver	3700632	406	1
Reflective Stripes 2-piece H2, red	R80096	406	1
Reflective Stripes 2-piece H2, yellow	R80098	406	1
Reflective Stripes 2-piece H2, blue	R80097	406	1
Reflective Stripes 2-piece H2, gold	3723818	406	1
Reflective Stripes, lateral			
Reflective Stripes, design: "Wing", red	R80063	406	1
Reflective Stripes, design: "Wing", yellow	R80064	406	1
Reflective Stripes, design: "Wing", silver	R80065	406	1
Reflective Stripes, design: "Wing", black	R80066	406	1
Reflective Stripes, design: "Wing", blue	3723823	406	1
Reflective Stripes, design: "Wing", gold	3723824	406	1
Reflective Stripes, design: "Two Arces", red	3700582	406	1
Reflective Stripes, design: "Two Arces", yellow	3700583	406	1
Reflective Stripes, design: "Two Arces", silver	3700584	406	1
Reflective Stripes, design: "Two Arces", black	3700585	406	1
Reflective Stripes, design: "Two Arces", blue	3723827	406	1
Reflective Stripes, design: "Two Arces", gold	3723828	406	1

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
Front Plate Label Standard (Dräger Fire Brigade-Logo)	R79263	406	1
Front Plate Label Germany ("A")	R79288	406	1
Front Plate Label France ("Sapeurs Pompiers")	R79287	406	1
Front Plate Label France ("Marins Pompiers")	R79336	406	1
Front Plate Label "bomberos aeropuerto" (Spain)	R80028	400	1
Reflective Stripes, service grade	R79006	406	1
Lamps and lamp holders			
Integrated HPS FlashLight (LED) (suitable for HI and H2) Optional retrofit for all HPS 7000 versions In addition, R 79 226 is needed	R79013	406	1
Spare-set Front plate for integrated HPS 7000 FlashLight (LED) For assembling of the integrated HPS FlashLight (LED) to the HPS 7000 versions (suitable for HI and H2)	R79226	406	1
HPS Lamp holder (for PX 1 LED helmet lamps) * (needed to attach helmet lamps of PX 1 LED series) Suitable for HPS 7000 and HPS SafeGuard	R79129	406	1
PARASNAP helmet adapter HPS 7000/SafeGuard * Two-piece magnetic adapter solution, additionally to the helmet adapter a lamp holder is necessary:	3720149	406	1
PARASNAP lamp holder for PX1	R62355	406	1
PARASNAP lamp holder for PX 2	R62357	406	1
PARASNAP SNAP-IN CAM To attach a GoPro or action camera not for structural firefighting applications, to use the PARASNAP SNAP-IN Cam adapter the PARASNAP lamp holder for PX2 is needed as well	3719709	406	1
Helmet Lamp Dräger PX 1 LED (120 Lumen)	R62350	406	1
Helmet lamp Dräger PX1 LED, SHORTY (80 Lumen)	3701450	406	1
Helmet Lamp Dräger PX 2 LED (30 Lumen)	R62352	406	1
HPS Lamp holder Adaro* Suitable for HPS 7000 and HPS SafeGuard	R79493	406	1

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* Only for HPS 7000 Standard and PRO versions

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
Rear light Dräger HPS BuddyLight including adapter LED rear light as a warning and indicator light	AH00457	406	1
Adapter for Dräger HPS BuddyLight Adapter only to upgrade HPS helmets	AH00456	406	1
Accessories for Communication Systems			
HolmCo Plug-in plate HPS 7000**	R80031	406	1
HolmCo Additional cover for HPS 7000 size H2**	R80032	406	1
COM plug protector Suitable for helmet communication unit/headset with Nexus connector	R80042	406	1
** Adaptations for the communication headset model "Scorpion" from HolmCo - Holmberg GmbH & Co. KG to the HPS 7000			
Accessories for mounting thermal imaging camera			
UCF FireCore Smart-Adapter (HPS 7000)	3716694	402	1
UCF FireCore Smart Adapter MHC (HPS 7000)	3732924	402	1
Helmet Protection & Transportation			
HPS Helmet carrying bag, big Bag for transport and storage of up to 2 helmets and accessories with business card pocket	R58555	406	1
HPS Helmet carrying bag, small Bag for transport and storage of 1 helmet and accessories, with business card pocket and detachable, adjustable shoulder straps	R68555	406	1
HPS Helmet protection bag Light fabric bag to protect the helmet with business card pocket	R79282	406	1
HPS Helmet protection cover For protection of the helmets, for training purposes only!	R79279	406	1
Washing bag To wash the helmet in an industrial washing machine	6570003	978	1
Further accessories			
Pad HPS 7000 (for head size 50/51)	R79277	406	1
HPS 7000 comfort pad (as an alternative to the standard comfort net)	R80036	406	1
HPS 7000 writable label	R79347	406	10

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
Paint Repair Kits			
Colour luminescent (similar to RAL 110)	R56559	406	1
Colour white (RAL 9010)	R56539	406	1
Colour red (RAL 3000)	R56549	406	1
Colour zinc yellow (RAL 1018)	R56579	406	1
Colour black (RAL 9005)	R56589	406	1
Colour signal blue (RAL 5005)	R56569	406	1
Colour fluorescent yellow (RAL 1026)	R56531	406	1
Colour fluorescent orange (RAL 2005)	R56532	406	1
Colour white aluminium (RAL 9006)	R56533	406	1
Colour yellow green (RAL 6018)	R80041	406	1
Colour luminescent yellow (similar to RAL 1016)	3700637	406	1
Paint Repair Kits			
For the spare parts please refer to our spare parts list(s) which you receive on request:			
Dräger HPS 7000	E 1412.670		

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
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Fire & Rescue Helmet, Jet-style short Dräger HPS® SafeGuard EN

- Helmet shell made of high temperature-resistant thermoplastic composite material consisting of fibreglass-reinforced material (PA-GF)
- One-size-fits-all helmet shell concept: from 50 to 67 cm
- Weight:
HPS SafeGuard EN: approx. 1.250 g (+/- 5%)
HPS SafeGuard Extend EN: approx. 1.380 g (+/- 5%)
- Flame-resistant and washable 3-point-harness, available in sizes M or L and in two material and comfort level
- Continuously adjustable head size adjustment system via handwheel on the back of the helmet shell and using continuous variable gear with gear box padding, available in two material and comfort level
- Crown straps for height adjustment and optional comfort pad for higher comfort level
- External adjusting wheel at the back of the helmet, easily operated with firefighter gloves during operations
- Interior design: easy assemble and disassemble of textile parts without tools, washable manually or in industrial washing systems
- Integrated face guard with permanent anti-scratch and anti-fog coating, clear or gold-R1 version, made from high-temperature resistant Apec material (approved and CE-certified according to EN 14458:2018)
- Optionally integrated eye guard with permanent anti-scratch and anti-fog coating, clear or tinted version, made from high temperature resistant Apec material, approved and CE-certified according to EN 14458:2018
- Optional integrated helmet lamp HPS FlashLight (LED) at the front of the helmet
- Optional rear light HPS BuddyLight as warning and indicator light
- Optional retrofittable with the new innovative helmet communication system Dräger HPS-COM
- Further additional and optional accessories available, e. g. neck protector, lamp holder for standard helmet lamps, front plate labels and reflective stripes in different design and versions around the helmet.
- Helmet system approved and CE-certified according to
EN 443:2008 (Structural Fire Fighting, Type A 3b),
EN 16471:2014 (Wildland- and Bush Fire Fighting),
EN 16473:2014 (Technical Rescue)
ISO 16073-5:2019 (Wildland firefighting personal protective equipment)
ISO 11999-5:2015 (PPE for firefighters)
ISO 18639-5:2018 (PPE for specific rescue activities)
2014/90/EU (MED - Firefighting onboard ships)
SOLAS II-2/10.10., IMO RES. MSC.327(90)



Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
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Dräger HPS® SafeGuard EN

with integrated face guard (clear AS/AF),
with Basic harness in size L without cheek padding,
with crown straps without comfort pad,
with interior design with Basic padding,
with Basic functional plates (without the option to mount standard helmet lamps or COM plug protector),
without integrated eye guard,
without reflective strips.



Dräger HPS SafeGuard EN luminescent Painted helmet shell, luminescent (similar to RAL 110)	3701621	426	1
Dräger HPS SafeGuard EN red Painted helmet shell, red (RAL 3000)	3701622	426	1
Dräger HPS SafeGuard EN fluorescent yellow Painted helmet shell, fluorescent yellow (RAL 1026)	3701623	426	1
Dräger HPS SafeGuard EN white Painted helmet shell, white (RAL 9010)	3701624	426	1

Dräger HPS® SafeGuard Extend EN

with integrated face and eye guard (both clear AS/AF),
with Extend harness in size L with cheek padding
with crown straps with comfort pad,
with interior design with Extend padding,
with Extend functional plates (option to mount standard helmet lamps or COM plug protector),
with neck protector Nomex short,
with reflective strips in silver-white on the back.



Dräger HPS SafeGuard Extend EN luminescent Painted helmet shell, luminescent (similar to RAL 110)	3701625	426	1
Dräger HPS SafeGuard Extend EN red Painted helmet shell, red (RAL 3000)	3701626	426	1
Dräger HPS SafeGuard Extend EN fluorescent yellow Painted helmet shell, fluorescent yellow (RAL 1026)	3701627	426	1

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
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Further variants of Dräger HPS® SafeGuard can be ordered as modular versions (via helmet configurator) – with order code 3701504

According to your application you put together your individual set from the following options. The single prices of the chosen components will determine the set price.



1. Basic helmet with helmet shell			
HPS SafeGuard with helmet shell: luminescent (similar to RAL 110)		426	1
HPS SafeGuard with helmet shell: white (RAL 9010)		426	1
HPS SafeGuard with helmet shell: red (RAL 3000)		426	1
HPS SafeGuard with helmet shell: signal blue (RAL 5005)		426	1
HPS SafeGuard with helmet shell: zinc yellow (RAL 1018)		426	1
HPS SafeGuard with helmet shell: fluorescent yellow (RAL 1026)		426	1
HPS SafeGuard with helmet shell: fluorescent orange (RAL 2005)		426	1
HPS SafeGuard with helmet shell: white aluminium (RAL 9006)		426	1
HPS SafeGuard with helmet shell: black (RAL 9005)		426	1
HPS SafeGuard with helmet shell: yellow green (RAL 6018)		426	1
HPS SafeGuard with helmet shell: luminescent yellow (similar to RAL 1016)		426	1
2. Front plate			
Front plate: matt black (including front plate cover)		426	1
3. Harness			
Harness Basic: size M		426	1
Harness Basic: size L		426	1
Harness Extend: size M		426	1
Harness Extend: size L		426	1
4. Comfort pad			
Comfort pad Each helmet is equipped with crown straps as standard. The comfort pad is an additional option for more comfort.		426	1

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
5. Padding front carrier ring			
Padding front carrier ring Basic		426	1
Padding front carrier ring Extend		426	1
6. Padding gear box cover			
Padding gear box cover Basic		426	1
Padding gear box cover Extend		426	1
7. Spacer			
Spacer For small head sizes, adjusting position of center of gravity and to gain more space between face and visors.		426	1
8. Function plates			
Function plates Basic		426	1
Function plates Extend Function plate Extend to mount additional accessories (e.g. lamp holders and lamps)		426	1
9. Face Guard, integrated			
Face guard: Apec clear, AS/AF		426	1
Face guard: Apec Gold-R1, AS/AF		426	1
10. Eye Guard, integrated			
Eye guard: Apec clear, AS/AF		426	1
Eye guard: Apec tinted, AS/AF		426	1
11. Neck protector			
Neck protector: Nomex® short (attached)		426	1
Neck protector: Nomex/ Alu (attached)		426	1
Neck protector: Nomex Dutch – scarf type version (attached)		426	1
12. Integrated helmet lamp Dräger HPS FlashLight			
HPS FlashLight		426	1

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
13. Lamp holder			
(only possible with function plate Extend)			
Lamp Holder, PX 1 (1 piece) – built-on left		426	1
Lamp Holder, PX 1 (1 piece) – built-on right		426	1
Lamp Holder, PX 1 (2 pieces) – built on both helmet sides		426	1
PARASNAP helmet adapter (1 piece) – built-on left		400	1
PARASNAP helmet adapter (1 piece) – built-on right		400	1
PARASNAP helmet adapter (2 pieces) – built on both helmet sides		400	1
PARASNAP is a two-piece magnetic adapter solution, Additionally; to the helmet adapter a lamp holder needs to be chosen			
PARASNAP lamp holder for PX1 (1 piece)		426	1
PARASNAP lamp holder for PX1 (2 pieces)		426	1
PARASNAP lamp holder for PX2 (1 piece)		426	1
PARASNAP lamp holder for PX2 (2 pieces)		426	1
PARASNAP SNAP-IN CAM - (1 piece)		426	1
PARASNAP SNAP-IN CAM - (2 pieces)		426	1
SNAP-IN CAM is an adapter to attach an action camera, not for structural firefighting applications			
PARASNAP PX1 & SNAP-IN CAM Combination of lamp holder for PX1 and adapter for attaching a GoPro or action cam.		426	1
PARASNAP PX2 & SNAP-IN CAM Combination of lamp holder for PX2 and adapter for attaching a GoPro or action cam.		426	1
Lamp holder, Adaro (1 piece) – built-on left		426	1
Lamp holder, Adaro (1 piece) – built on right		426	1
Lamp holder, Adaro (2 pieces) – built on both helmet sides		426	1
14. Helmet lamps Dräger PX 1 series			
None		426	1
PX 1 LED (120 lum) - 1 piece		400	1
PX 1 LED (120 lum) - 2 pieces		400	1
PX 1 SHORTY LED (80 lum) - 1 piece		400	1
PX 1 SHORTY LED (80 lum)- 2 pieces		400	1
PX 2 (30 lum)- 1 piece		400	1
PX 2 (30 lum)- 2 pieces		400	1

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Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
15. Rear light Dräger HPS BuddyLight			
None		426	1
Adapter for HPS BuddyLight Adapter mounted to the helmet shell, HPS BuddyLight not included		426	1
HPS BuddyLight complete including adapter Adapter mounted to the helmet shell, HPS BuddyLight enclosed		426	1
16. Helmet communication units			
(built in on right side, if an HPS-COM unit is chosen, an adapter on the right side is needed)			
Dräger HPS-COM Boom Mic		426	1
Dräger HPS-COM Short Boom Mic		426	1
Dräger HPS-COM Skull Mic		426	1
Dräger HPS-COM Throat Mic		426	1
Dräger HPS-COM dual Mic: Skull & Boom		426	1
Dräger HPS-COM dual Mic: Skull & Short Boom		426	1
No communication unit (Standard selection)		426	1
Mounting HPS COM mono mic		426	1
Mounting HPS COM dual mic		426	1
17. Adapter for helmet communication units			
(need to be chosen, if a helmet communication system is used or selected)			
No adapter (Standard selection)		426	1
COM Adapter, right		426	1
COM Adapter, left		426	1
COM Adapter, both sides		426	1
18. COM Plug Protector			
(only possible with function plate Extend)			
No COM Plug Protector (Standard selection)		426	1
COM Plug Protector – built on right side		426	1
19. Adapter for thermal imaging camera Dräger UCF FireCore			
UCF FireCore Smart Adapter (HPS SafeGuard) - built on right side		426	1
UCF FireCore Smart Adapter (HPS SafeGuard) - built on left side		426	1
20. Further Accessories			
HPS Writable label (glued in)		426	1
RFID tag (glued in)		426	1
Barcode label 22x8 mm (glued in)		426	1
Barcode label 30x13 mm (glued in)		426	1

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
Reflective strip: rank		426	1
Antifog solution		426	1
HPS helmet cover Suitable for HPS 7000 and HPS SafeGuard. For training purposes only!		426	1
Helmet protection bag		426	1
21. Reflective strips, on the back			
Without stripes		426	1
Reflective strips: silver-white		426	1
Reflective strips: rubin red		426	1
Reflective strips: lemon yellow		426	1
Reflective strips: blue		426	1
Reflective strips: orange		426	1
Reflective strips: black		426	1
Reflective strips: gold		426	1
22. Reflective strips, lateral			
No design stripes		426	1
Design strip (Wing): rubin red		426	1
Design strip (Wing): gold		426	1
Design strip (Wing): silver-white		426	1
Design strip (Wing): black		426	1
Design strip (Wing): yellow		426	1
Design strip (Wing): blue		426	1
23. Reflective strips, front area			
No design stripes		426	1
Design strip (1 bar): silver-white		426	1
Design strip (1 bar): rubin red		426	1
Design strip (1 bar): yellow		426	1
Design strip (1 bar): black		426	1
Design strip (1 bar): blue		426	1
Design strip (1 bar): gold		426	1

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
Design strip (2 bars): silver-white		426	1
Design strip (2 bars): rubin red		426	1
Design strip (2 bars): yellow		426	1
Design strip (2 bars): black		426	1
Design strip (2 bars): blue		426	1
Design strip (2 bars): gold		426	1
24. Reflective label, on the front plate			
Without label		426	1
Label front plate: silver-white (without printing)		426	1
Label, front plate: black (without printing)		426	1
Label with individual logo (see under 24.a)			

Customized markings - logos and writing on the helmet

24.a Front plate label with individual logo			
Logo on black reflective foil		426	1
Logo on silver-white reflective foil		426	1
25. Individual writing			
Individual writing (letters and numbers available in black, red, white)		426	1
Surcharge for different writing		426	1



Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
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Dräger HPS® SafeGuard customized marking

Customized logos on the front plate and individual writing on the back can be ordered as a spare part via the new spare part configurator



– with order code 3701705

The single prices of the chosen components will determine the set price. This article must be ordered in multiples of 10.

Front plate label with individual logo			
Logo on black reflective foil		406	10
Logo on silver-white reflective foil		406	10
Individual writing			
Individual writing (letters and numbers available in black, red, white)		406	10
Surcharge for different writing		406	1

Optional Accessories

HPS SafeGuard Neck protector Nomex® short	3701707	406	1
HPS SafeGuard Neck protector Nomex / Alu short	3701708	406	1
HPS SafeGuard Neck protector Nomex Dutch/ scarf-type version	3701709	406	1
HPS SafeGuard face guard clear, AS/AF	3701542	406	1
HPS SafeGuard face guard, Gold-RI, AS/AF	3701543	406	1
HPS SafeGuard eye guard clear, AS/AF	3722861	406	1
HPS SafeGuard eye guard tinted, AS/AF	3722862	406	1
HPS SafeGuard reflective stripes helmet back, silver-white	3701571	406	1
HPS SafeGuard reflective stripes helmet back, red	3701572	406	1
HPS SafeGuard reflective stripes helmet back, lemon yellow	3701573	406	1
HPS SafeGuard reflective stripes helmet back, blue	3701574	406	1
HPS SafeGuard reflective stripes helmet back, orange	3701575	406	1
HPS SafeGuard reflective stripes helmet back, black	3701576	406	1
HPS SafeGuard reflective stripes helmet back, gold	3722988	406	1

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
HPS SafeGuard Design reflective stripes "Wing", silver-white	3722970	406	1
HPS SafeGuard Design reflective stripes "Wing", red	3722971	406	1
HPS SafeGuard Design reflective stripes "Wing", lemon yellow	3722972	406	1
HPS SafeGuard Design reflective stripes "Wing", black	3722973	406	1
HPS SafeGuard Design reflective stripes "Wing", blue	3722974	406	1
HPS SafeGuard Design reflective stripes "Wing", gold	3722975	406	1
HPS SafeGuard Design reflective stripes "Wing", black	3722973	406	1
HPS SafeGuard Design reflective stripes "2 bars", silver-white	3722982	406	1
HPS SafeGuard Design reflective stripes "2 bars", red	3722983	406	1
HPS SafeGuard Design reflective stripes "2 bars", lemon yellow	3722984	406	1
HPS SafeGuard Design reflective stripes "2 bars", black	3722985	406	1
HPS SafeGuard Design reflective stripes "2 bars", blue	3722986	406	1
HPS SafeGuard Design reflective stripes "2 bars", gold	3722987	406	1
HPS SafeGuard Design reflective stripes "2 bars", black	3722985	406	1
HPS SafeGuard Front plate label, silver-white (without printing)	3701578	406	10
HPS SafeGuard Front plate label, black (without printing)	3701579	406	10
Reflective stripes, service grade	R79006	406	1
HPS SafeGuard spacer	3701522	406	1
HPS SafeGuard comfort pad	3701550	406	1
HPS Writable label	R79347	406	10

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
Lamps and lamp holders			
Integrated helmet lamp Dräger HPS FlashLight (LED) Suitable for HPS 7000 and HPS SafeGuard	R79013	406	1
Lamp holder (for PX 1 LED helmet lamps) * (needed to attach helmet lamps of PX 1 LED series) Suitable for HPS 7000 and HPS SafeGuard	R79129	406	1
PARASNAP helmet adapter HPS 7000/SafeGuard * Two-piece magnetic adapter solution, additionally to the helmet adapter a lamp holder is necessary:	3720149	406	1
PARASNAP lamp holder for PX1	R62355	406	1
PARASNAP lamp holder for PX 2	R62357	406	1
PARASNAP SNAP-IN CAM To attach a GoPro or action camera not for structural firefighting applications, to use the PARASNAP SNAP-IN Cam adapter the PARASNAP lamp holder for PX2 is needed as well	3719709	406	1
Helmet Lamp Dräger PX 1 LED (120 Lumen)	R62350	406	1
Helmet lamp Dräger PX1 LED, Shorty (80 Lumen)	3701450	406	1
Helmet Lamp Dräger PX 2 LED (30 Lumen)	R62352	406	1
Lamp holder Adaro* Suitable for HPS 7000 and HPS SafeGuard	R79493	406	1
Rear light Dräger HPS BuddyLight including adapter LED rear light as a warning and indicator light	AH00457	406	1
Adapter for Dräger HPS BuddyLight Adapter only to upgrade HPS helmets	AH00456	406	1
*Only for helmet versions HPS SafeGuard equipped with Extend functional plates PARASNAP is a registered trademark of com			
Accessories for Helmet Communication Systems			
HPS SafeGuard COM adapter right	3701642	406	1
HPS SafeGuard COM adapter left	3701643	406	1
COM plug protector* Suitable for helmet communication units with Nexus connector	R80042	406	1
*Only for helmet versions HPS SafeGuard equipped with Extend functional plates			
PARASNAP is a registered trademark of company PARAT Solutions GmbH			

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
Accessories for thermal imaging camera			
UCF FireCore Smart-Adapter (HPS SafeGuard)	3716701	402	1
Helmet Protection & Transportation			
HPS Helmet carrying bag, big Bag for transport and storage of up to 2 helmets and accessories with business card pocket	R58555	406	1
HPS Helmet carrying bag, small Bag for transport and storage of 1 helmet and accessories, with business card pocket and detachable, adjustable shoulder straps	R68555	406	1
HPS Helmet protection bag Light fabric bag to protect the helmet with business card pocket	R79282	406	1
HPS Helmet protection cover For protection of the helmets, for training purposes only!	R79279	406	1
Washing bag To wash the helmet in an industrial washing machine	6570003	978	1
Paint Repair Kits			
Colour luminescent (similar to RAL 110)	R56559	406	1
Colour white (RAL 9010)	R56539	406	1
Colour red (RAL 3000)	R56549	406	1
Colour zinc yellow (RAL 1018)	R56579	406	1
Colour black (RAL 9005)	R56589	406	1
Colour signal blue (RAL 5005)	R56569	406	1
Colour fluorescent yellow (RAL 1026)	R56531	406	1
Colour fluorescent orange (RAL 2005)	R56532	406	1
Colour white aluminium (RAL 9006)	R56533	406	1
Colour yellow green (RAL 6018)	R80041	406	1
Colour yellow luminescent (similar to RAL 1016)	3700637	406	1
Spare Parts			
For the spare parts please refer to our spare parts list which you receive on request.			
Dräger HPS SafeGuard spare parts list	E 1412.665		

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
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Fire & Rescue Helmet, Jet-style short Dräger HPS® Safeguard NFPA

- Helmet shell made of high temperature-resistant thermoplastic composite material consisting of fibreglass-reinforced material (PA-GF)
- One-size-fits-all helmet shell concept: from 50 to 67 cm
- Weight:
HPS SafeGuard NFPA incl. neck and ear cover:
approx. 1.450g (+/- 5%)
- Flame-resistant and washable 3-point-harness with padding, available in sizes M or L
- Continuously adjustable head size adjustment system via handwheel on the back of the helmet shell and using continuous variable gear with gear box padding
- External adjusting wheel at the back of the helmet, easily operated with firefighter gloves during operations
- Interior design: easy assemble and disassemble of textile parts without tools, washable manually or in industrial washing systems
- Integrated face guard with permanent anti-scratch and anti-fog coating, clear, made from high-temperature resistant Apec material
- Equipped with neck and ear cover made of Nomex®
- Equipped with reflective front plate label and reflective stripe on the helmet back
- Optionally integrated eye guard with permanent anti-scratch and anti-fog coating, clear, made from high temperature resistant Apec material
- Optional integrated helmet lamp HPS FlashLight (LED) at the front of the helmet
- Optional rear light HPS BuddyLight as warning and indicator light
- Optional retrofittable with the new innovative helmet communication system Dräger HPS-COM
- Further additional and optional accessories available, e. g. lamp holder for standard helmet lamps and COM plug protector
- Helmet system approved and certified according to NFPA 1971:2018 (Structural Fire Fighting and Proximity Fire Fighting) NFPA 1951:2020 (Technical Rescue Incidents)



Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
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Dräger HPS® Safeguard NFPA

with integrated face guard (clear AS/AF),
 with harness in size L with cheek padding,
 with crown straps and shock absorption pad,
 with lateral functional plates to mount standard helmet lamps or
 COM plug protector, with COM interface on both sides,
 with neck and ear cover,
 with textile hook for wall mount hanging,
 with reflective stripes in yellow on the front plate and on the back.



Dräger HPS SafeGuard NFPA red Painted helmet shell, red (RAL 3000)	3724564	426	1
Dräger HPS SafeGuard NFPA black Painted helmet shell, black (RAL 9005)	3724565	426	1
Dräger HPS SafeGuard NFPA fluorescent yellow Painted helmet shell, fluorescent yellow (RAL 1026)	3724566	426	1
Dräger HPS SafeGuard NFPA white Painted helmet shell, white (RAL 9010)	3724567	426	1
Dräger HPS SafeGuard NFPA blue Painted helmet shell, blue (RAL 5005)	3724568	426	1

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
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Further variants of Dräger HPS® safeguard NFPA can be ordered as modular versions (via helmet configurator) – with order code 3701701

According to your application you put together your individual set from the following options. The single prices of the chosen components will determine the set price.



1. Basic helmet with helmet shell

HPS SafeGuard with helmet shell: luminescent (similar to RAL 110)		426	1
HPS SafeGuard with helmet shell: white (RAL 9010)		426	1
HPS SafeGuard with helmet shell: red (RAL 3000)		426	1
HPS SafeGuard with helmet shell: signal blue (RAL 5005)		426	1
HPS SafeGuard with helmet shell: zinc yellow (RAL 1018)		426	1
HPS SafeGuard with helmet shell: fluorescent yellow (RAL 1026)		426	1
HPS SafeGuard with helmet shell: fluorescent orange (RAL 2005)		426	1
HPS SafeGuard with helmet shell: black (RAL 9005)		426	1
HPS SafeGuard with helmet shell: yellow green (RAL 6018)		426	1
HPS SafeGuard with helmet shell: white aluminium (RAL 9006)		426	1
HPS SafeGuard with helmet shell: lum. yellow (similar to RAL 1016)		426	1

2. Harness

Harness Extend: size M		426	1
Harness Extend: size L		426	1

3. Spacer

Spacer For small head sizes, adjusting position of center of gravity and to gain more space between face and visors.		426	1
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Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
4. Face Guard, integrated			
Face guard: Apec clear, AS/AF		426	1
5. Eye Guard, integrated			
Eye guard: Apec clear, AS/AF		426	1
6. Integrated helmet lamp Dräger HPS FlashLight			
HPS FlashLight		426	1
7. Lamp holder			
Lamp Holder, PX 1 (1 piece) – built-on left		426	1
Lamp Holder, PX 1 (1 piece) – built-on right		426	1
Lamp Holder, PX 1 (2 pieces) – built on both helmet sides		426	1
<hr/>			
PARASNAP helmet adapter (1 piece) – built-on left		400	1
PARASNAP helmet adapter (1 piece) – built-on right		400	1
PARASNAP helmet adapter (2 pieces) – built on both helmet sides		400	1
PARASNAP is a two-piece magnetic adapter solution. In addition to the helmet adapter a lamp holder needs to be chosen:			
PARASNAP lamp holder for PX1 (1 piece)		426	1
PARASNAP lamp holder for PX1 (2 pieces)		426	1
PARASNAP lamp holder for PX2 (1 piece)		426	1
PARASNAP lamp holder for PX2 (2 pieces)		426	1
<hr/>			
PARASNAP SNAP-IN CAM - (1 piece)		426	1
PARASNAP SNAP-IN CAM - (2 pieces)		426	1
SNAP-IN CAM is an adapter for attaching a GoPro or action camera, not for structural firefighting applications			
<hr/>			
PARASNAP PX1 & SNAP-IN CAM Combination of lamp holder for PX1 and adapter for attaching a GoPro or action camera		426	1
PARASNAP PX2 & SNAP-IN CAM Combination of lamp holder for PX2 and adapter for attaching a GoPro or action camera		426	1
PARASNAP is a registered trademark of company PARAT Solutions GmbH			

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
8. Helmet lamps Dräger PX1 series			
None		426	1
PX 1 LED (120 lum) - 1 piece		400	1
PX 1 LED (120 lum) - 2 pieces		400	1
PX 1 SHORTY LED (80 lum) - 1 piece		400	1
PX 1 SHORTY LED (80 lum)- 2 pieces		400	1
PX 2 (30 lum)- 1 piece		400	1
PX 2 (30 lum)- 2 pieces		400	1
9. Rear light Dräger HPS BuddyLight			
None		426	1
Adapter for HPS BuddyLight		426	1
Adapter mounted to the helmet shell, HPS BuddyLight not included		426	1
10. HPS BuddyLight complete including adapter			
(The Dräger HPS COM unit is enclosed. It can be built in on right side)			
Dräger HPS®- COM Boom Mic		426	1
Dräger HPS®- COM Short Boom Mic		426	1
Dräger HPS®- COM Throat Mic		426	1
No communication unit (Standard selection)		426	1
11. COM Plug Protector			
No COM Plug Protector (Standard selection)		426	1
COM Plug Protector – built on right side		426	1
12. Further Accessories			
RFID tag (glued in)		426	1
Barcode label 22x8 mm (glued in)		426	1
Barcode label 30x13 mm (glued in)		426	1
HPS helmet cover Suitable for HPS 7000 and HPS SafeGuard. For training purposes only!		426	1
Helmet protection bag		426	1
13. Reflective strips, on the back			
The price for Reflective stripe on helmet back is already included in the basic helmet, since every helmets needs to be equip reflective stripe.			
3M™ Scotchlite™ Reflective Material - Fabric 8987 Fluorescent Lime-Yellow = NFPA compliant;			
3M™ Scotchlite™ Reflective Graphic Film material 580E series = EN compliant			
Reflect. fabric strips: yellow (NFPA compliant; standard selection)		426	1
Reflective strips: silver-white (EN compliant)		426	1
Reflective strips: rubin red (EN compliant)		426	1
Reflective strips: lemon yellow (EN compliant)		426	1
Reflective strips: blue (EN compliant)		426	1
Reflective strips: black (EN compliant)		426	1
Reflective strips: gold (EN compliant)		426	1

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
14. Reflective label - front plate			
The price for Reflective stripe on helmet back is already included in the basic helmet, since every helmets needs to be equipped with a reflective stripe. 3M™ Scotchlite™ Reflective Material - Fabric 8987 Fluorescent Lime-Yellow = NFPA compliant; 3M™ Scotchlite™ Reflective Graphic Film material 580E series = EN compliant			
Label front plate: yellow (NFPA compliant; standard selection, without printing)		426	1
Label front plate: silver-white (EN compliant, without printing)		426	1
Label front plate: black (EN compliant, without printing)		426	1
Label front plate: Logo, customer specific (see under 14.a)		426	1
14.a Printing customer logo on front plate label			
Label front plate: silver-white (EN compliant, without printing)	PR02134	426	1
Label front plate: black (EN compliant, without printing)	PR02135	426	1
Label front plate: Logo, customer specific (see under 14.a)	PR02136	426	1
15. Writing rear (Position 1)			
Individual writing (letters and numbers available in black, red, white)	PR01243	426	1
Surcharge for different lettering	PR01245	426	1

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
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Dräger HPS® SafeGuard customized marking

Customized logos on the front plate and individual writing on the back can be ordered as a spare part via the new spare part configurator



– with order code 3701705

The single prices of the chosen components will determine the set price. This article must be ordered in multiples of 10.

Front plate label with individual logo			
Logo on yellow reflective material		406	10
Logo on black reflective foil		406	10
Logo on silver-white reflective foil		406	10
Individual writing			
Individual writing (letters and numbers available in black, red, white)		406	10
Surcharge for different writing		406	1

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
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Accessories

HPS SafeGuard Neck and ear cover	3702761	406	1
HPS SafeGuard face guard clear, AS/AF NFPA	3724534	406	1
HPS SafeGuard eye guard clear, AS/AF NFPA	3724496	406	1
HPS SafeGuard reflective stripes helmet back, yellow (NFPA compliant)	3724523	406	1
HPS SafeGuard reflective stripes helmet back, silver-white (EN compliant)	3701571	406	1
HPS SafeGuard reflective stripes helmet back, red (EN compliant)	3701572	406	1
HPS SafeGuard reflective stripes helmet back, lemon yellow (EN compliant)	3701573	406	1
HPS SafeGuard reflective stripes helmet back, blue (EN compliant)	3701574	406	1
HPS SafeGuard reflective stripes helmet back, orange (EN compliant)	3701575	406	1
HPS SafeGuard reflective stripes helmet back, black (EN compliant)	3701576	406	1
HPS SafeGuard reflective stripes helmet back, gold (EN compliant)	3722988	406	1
HPS SafeGuard reflective front plate label, yellow (NFPA compliant)	3724522	406	5
HPS Writable label	R79347	406	10
Lamps and lamp holders			
Integrated helmet lamp Dräger HPS FlashLight (LED) Suitable for HPS 7000 and HPS SafeGuard	R79013	406	1
Lamp holder (for PX 1 LED helmet lamps) * (needed to attach helmet lamps of PX 1 LED series) Suitable for HPS 7000 and HPS SafeGuard	R79129	406	1
PARASNAP® helmet adapter HPS 7000/SafeGuard * Two-piece magnetic adapter solution, additionally to the helmet adapter a lamp holder is necessary:	3720149	406	1
PARASNAP® lamp holder for PX1	R62355	406	1
PARASNAP® lamp holder for PX 2	R62357	406	1
PARASNAP® SNAP-IN CAM To attach a GoPro or action camera PARASNAP lamp holder for PX 2 needed as well	3719709	406	1
Helmet Lamp Dräger PX 1 LED (120 Lumen)	R62350	406	1
Helmet lamp Dräger PX1 LED, Shorty (80 Lumen)	3701450	406	1
Helmet Lamp Dräger PX 2 LED (30 Lumen)	R62352	406	1
Rear light Dräger HPS BuddyLight including adapter LED rear light as a warning and indicator light	AH00457	406	1
Adapter for Dräger HPS BuddyLight	AH00456	406	1

* PARASNAP is a registered trademark of company PARAT®

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
Accessories for Helmet Communication Systems			
HPS SafeGuard COM adapter right	3701642	406	1
HPS SafeGuard COM adapter left	3701643	406	1
COM plug protector* Suitable for helmet communication units with Nexus connector	R80042	406	1
PARASNAP® is a registered trademark of company PARAT Solutions GmbH			
Helmet Protection & Transportation			
HPS Helmet carrying bag, big Bag for transport and storage of up to 2 helmets and accessories with business card pocket	R58555	406	1
HPS Helmet carrying bag, small Bag for transport and storage of 1 helmet and accessories, with business card pocket and detachable, adjustable shoulder straps	R68555	406	1
HPS Helmet protection bag Light fabric bag to protect the helmet with business card pocket	R79282	406	1
HPS Helmet protection cover For protection of the helmets, for training purposes on	R79279	406	1
Washing bag To wash the helmet in an industrial washing machine	6570003	978	1
Paint Repair Kits			
Colour luminescent (similar to RAL 110)	R56559	406	1
Colour white (RAL 9010)	R56539	406	1
Colour red (RAL 3000)	R56549	406	1
Colour black (RAL 9005)	R56589	406	1
Colour signal blue (RAL 5005)	R56569	406	1
Colour fluorescent yellow (RAL 1026)	R56531	406	1
Colour yellow green (RAL 6018)	R80041	406	1
Colour yellow luminescent (similar to RAL 1016)	3700637	406	1
Colour zinc yellow (RAL 1018)	R56579	406	1
Colour fluorescent orange (RAL 2005)	R56532	406	1
Colour white aluminum (RAL 9006)	R56533	406	1
Spare Parts			
For the spare parts please refer to our spare parts list which you receive on request.			
Dräger HPS SafeGuard NFPA spare parts list	E 1412.665		

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit	Price/ea Excl. VAT
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Fire & Rescue Helmet, Jet-style short Dräger HPS® Safeguard AS/NZS

- Helmet shell made of high temperature-resistant thermoplastic composite material consisting of fibreglass-reinforced material (PA-GF)
- One-size-fits-all helmet shell concept: from 50 to 67 cm
- Weight:
HPS SafeGuard AS/NZS incl. neck and ear cover:
approx. 1.440g (+/- 5%)
- Flame-resistant and washable 3-point-harness with padding, available in sizes M or L
- Continuously adjustable head size adjustment system via handwheel on the back of the helmet shell and using continuous variable gear with gear box padding
- Crown straps with shock absorption pad for high wearing comfort
- External adjusting wheel at the back of the helmet, easily operated with firefighter gloves during operations
- Interior design: easy assemble and disassemble of textile parts without tools, washable manually or in industrial washing systems
- Integrated face guard with permanent anti-scratch and anti-fog coating, clear, made from high-temperature resistant Apec material
- Equipped with neck and ear cover made of Nomex®
- Equipped with reflective front plate label and reflective stripe on the helmet back
- Optionally integrated eye guard with permanent anti-scratch and anti-fog coating, clear, made from high temperature resistant Apec material
- Optional integrated helmet lamp HPS FlashLight (LED) at the front of the helmet
- Optional rear light HPS BuddyLight as warning and indicator light
- Optional retrofittable with the new innovative helmet communication system Dräger HPS-COM
- Further additional and optional accessories available, e. g. lamp holder for standard helmet lamps and COM plug protector
- Helmet system approved and certified according to AS/NZS 4067:2012 (Protective helmets for structural firefighting)



Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
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Dräger HPS® Safeguard AS/NZS

with integrated face guard (clear AS/AF),
 with harness in size L with cheek padding,
 with crown straps and shock absorption pad,
 with lateral functional plates to mount standard helmet lamps or
 COM plug protector,
 with neck and ear cover,
 with textile hook,
 with reflective strips in yellow on the front plate and on the back.



Dräger HPS SafeGuard AS/NZS white Painted helmet shell, white (RAL 9010)	3724563	426	1
Dräger HPS SafeGuard AS/NZS red Painted helmet shell, red (RAL 3000)	3724560	426	1
Dräger HPS SafeGuard AS/NZS black Painted helmet shell, black (RAL 9005)	3724561	426	1
Dräger HPS SafeGuard AS/NZS fluorescent yellow Painted helmet shell, fluorescent yellow (RAL 1026)	3724562	426	1

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
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Further variants of Dräger HPS® safeguard AS/NZS can be ordered as modular versions (via helmet configurator) – with order code 3701703

According to your application you put together your individual set from the following options. The single prices of the chosen components will determine the set price.



1. Basic helmet with helmet shell

HPS SafeGuard with helmet shell: luminescent (similar to RAL 110)		426	1
HPS SafeGuard with helmet shell: white (RAL 9010)		426	1
HPS SafeGuard with helmet shell: red (RAL 3000)		426	1
HPS SafeGuard with helmet shell: signal blue (RAL 5005)		426	1
HPS SafeGuard with helmet shell: zinc yellow (RAL 1018)		426	1
HPS SafeGuard with helmet shell: fluorescent yellow (RAL 1026)		426	1
HPS SafeGuard with helmet shell: fluorescent orange (RAL 2005)		426	1
HPS SafeGuard with helmet shell: white aluminium (RAL 9006) – in prep.		426	1
HPS SafeGuard with helmet shell: black (RAL 9005)		426	1
HPS SafeGuard with helmet shell: yellow green (RAL 6018)		426	1
HPS SafeGuard with helmet shell: luminescent yellow (similar to RAL 1016)		426	1

2. Harness

Harness Extend: size M		426	1
Harness Extend: size L		426	1

3. Spacer

Spacer For small head sizes, adjusting position of center of gravity and to gain more space between face and visors.		426	1
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Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
4. Face Guard, integrated			
Face guard: Apec clear, AS/AF		426	1
Face guard: Apec Gold-RI, AS/AF		426	1
5. Eye Guard, integrated			
Eye guard: Apec clear, AS/AF		426	1
Eye guard: Apec tinted, AS/AF		426	1
6. Integrated helmet lamp Dräger HPS FlashLight			
HPS FlashLight		426	1
7. Lamp holder			
Lamp Holder, PX 1 (1 piece) – built-on left		426	1
Lamp Holder, PX 1 (1 piece) – built-on right		426	1
Lamp Holder, PX 1 (2 pieces) – built on both helmet sides		426	1
PARASNAP® helmet adapter (1 piece) – built-on left		400	1
PARASNAP helmet adapter (1 piece) – built-on right		400	1
PARASNAP helmet adapter (2 pieces) – built on both helmet sides		400	1
PARASNAP is a two-piece magnetic adapter solution. In addition to the helmet adapter a lamp holder needs to be chosen:			
PARASNAP lamp holder for PX1 (1 piece)		426	1
PARASNAP lamp holder for PX1 (2 pieces)		426	1
PARASNAP lamp holder for PX2 (1 piece)		426	1
PARASNAP lamp holder for PX2 (2 pieces)		426	1
PARASNAP SNAP-IN CAM - (1 piece)		426	1
PARASNAP SNAP-IN CAM - (2 pieces)		426	1
PARASNAP PX1 & SNAP-IN CAM		426	1
PARASNAP PX2 & SNAP-IN CAM		426	1
PARASNAP® is a registered trademark of company PARAT Solutions GmbH			

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
8. Helmet lamps Dräger PX1 series			
None		426	1
PX 1 LED (120 lum) - 1 piece		400	1
PX 1 LED (120 lum) - 2 pieces		400	1
PX 1 SHORTY LED (80 lum) - 1 piece		400	1
PX 1 SHORTY LED (80 lum)- 2 pieces		400	1
PX 2 (30 lum)- 1 piece		400	1
PX 2 (30 lum)- 2 pieces		400	1
9. Rear light Dräger HPS BuddyLight			
None		426	1
Adapter for HPS BuddyLight Adapter mounted to the helmet shell, HPS BuddyLight not included		426	1
HPS BuddyLight complete including adapter Adapter mounted to the helmet shell, HPS BuddyLight enclosed		426	1
10. Helmet communication units			
(The Dräger HPS COM unit is enclosed. It can be built in on right side)			
Dräger HPS- COM Boom Mic		426	1
Dräger HPS- COM Short Boom Mic		426	1
Dräger HPS- COM Throat Mic		426	1
No communication unit (Standard selection)		426	1
11. COM interface			
w/o com interface		426	1
Com. Interface – built-on right		426	1
Com. Interface – built-on left		426	1
Com. Interface – built-on both sides		426	1
12. COM Plug Protector			
No COM Plug Protector (Standard selection)		426	1
COM Plug Protector – built on right side		426	1
13. Further Accessories			
LF-RFID tag (glued in)		426	1
Barcode label 22x8 mm (glued in)		426	1
Barcode label 30x13 mm (glued in)		426	1
HPS helmet cover Suitable for HPS 7000 and HPS SafeGuard. For training purposes only!		426	1
Helmet protection bag		426	1

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
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14. Reflective strips, on the back

The price for Reflective stripe on helmet back is already included in the basic helmet, since every helmets needs to be equipped with a reflective stripe.

3M™ Scotchlite™ Reflective Material - Fabric 8987 Fluorescent Lime-Yellow = NFPA compliant;

3M™ Scotchlite™ Reflective Graphic Film material 580E series = EN compliant

Reflect. fabric strips: yellow (NFPA compliant; standard selection)		426	1
Reflective strips: silver-white (EN compliant)		426	1
Reflective strips: rubin red (EN compliant)		426	1
Reflective strips: lemon yellow (EN compliant)		426	1
Reflective strips: blue (EN compliant)		426	1
Reflective strips: black (EN compliant)		426	1
Reflective strips: gold (EN compliant)		426	1

15. Reflective strips, lateral

No design stripes		426	1
Design strip (Wing): rubin red	PR01300	426	1
Design strip (Wing): gold	PR01301	426	1
Design strip (Wing): silver-white	PR01302	426	1
Design strip (Wing): black	PR01303	426	1
Design strip (Wing): yellow	PR01306	426	1
Design strip (Wing): blue	PR01307	426	1

16. Reflective strips, front area

No design stripes		426	1
Design strip (1 bar): silver-white	PR01493	426	1
Design strip (1 bar): rubin red	PR01494	426	1
Design strip (1 bar): yellow	PR01495	426	1
Design strip (1 bar): black	PR01496	426	1
Design strip (1 bar): blue	PR01497	426	1
Design strip (1 bar): gold	PR01498	426	1
Design strip (2 bars): silver-white	PR01499	426	1
Design strip (2 bars): rubin red	PR01500	426	1
Design strip (2 bars): yellow	PR01501	426	1
Design strip (2 bars): black	PR01502	426	1
Design strip (2 bars): blue	PR01503	426	1
Design strip (2 bars): gold	PR01504	426	1

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
17. Reflective label - front plate			
The price for Reflective stripe on helmet back is already included in the basic helmet, since every helmets needs to be equipped with a reflective stripe.			
3M™ Scotchlite™ Reflective Material - Fabric 8987 Fluorescent Lime-Yellow = AS/NZS compliant;			
3M™ Scotchlite™ Reflective Graphic Film material 580E series = EN compliant			
Label front plate: yellow (NFPA compliant; standard selection, without printing)		426	1
Label front plate: silver-white (EN compliant, without printing)		426	1
Label front plate: black (EN compliant, without printing)		426	1
Label front plate: Logo, customer specific (see under 17.a)		426	1
17.a Printing customer logo on front plate label			
Label front plate: silver-white (EN compliant, without printing)	PR02134	426	1
Label front plate: black (EN compliant, without printing)	PR02135	426	1
Label front plate: Logo, customer specific (see under 14.a)	PR02136	426	1
18. Writing rear (Position 1)			
Individual writing (letters and numbers available in black, red, white)	PR01243	426	1
Surcharge for different lettering	PR01245	426	1

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
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Dräger HPS® SafeGuard customized marking

Customized logos on the front plate and individual writing on the back can be ordered as a spare part via the new spare part configurator



– with order code 3701705

The single prices of the chosen components will determine the set price. This article must be ordered in multiples of 10.

Front plate label with individual logo			
Logo on yellow reflective material		406	10
Logo on black reflective foil		406	10
Logo on silver-white reflective foil		406	10
Individual writing			
Individual writing (letters and numbers available in black, red, white)		406	10
Surcharge for different writing		406	1

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
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Accessories

HPS SafeGuard Neck and ear cover	3702761	406	1
HPS SafeGuard face guard clear, AS/AF	3701542	406	1
HPS SafeGuard face guard Gold-R1, AS/AF	3701543	406	1
HPS SafeGuard face guard clear, AS/AF	3722861	406	1
HPS SafeGuard face guard tinted, AS/AF	3722861	406	1
HPS SafeGuard reflective stripes helmet back, yellow	3724523	406	1
HPS SafeGuard reflective front plate label, yellow	3724522	406	5

HPS Writable label

R79347

406

10

Lamps and lamp holders

Integrated helmet lamp Dräger HPS FlashLight (LED)

Suitable for HPS 7000 and HPS SafeGuard

R79013

406

1

Lamp holder (for PX 1 LED helmet lamps) *

(needed to attach helmet lamps of PX 1 LED series)

Suitable for HPS 7000 and HPS SafeGuard

R79129

406

1

PARASNAP® helmet adapter HPS 7000/SafeGuard *

Two-piece magnetic adapter solution, additionally to the helmet adapter a lamp holder is necessary:

3720149

406

1

PARASNAP lamp holder for PX1

R62355

406

1

PARASNAP lamp holder for PX 2

R62357

406

1

PARASNAP SNAP-IN CAM

To attach a GoPro or action camera

PARASNAP lamp holder for PX 2 needed as well

3719709

406

1

Helmet Lamp Dräger PX 1 LED (120 Lumen)

R62350

406

1

Helmet lamp Dräger PX1 LED, Shorty (80 Lumen)

3701450

406

1

Helmet Lamp Dräger PX 2 LED (30 Lumen)

R62352

406

1

Rear light Dräger HPS BuddyLight including adapter LED rear light as a warning and indicator light

AH00457

406

1

Adapter for Dräger HPS BuddyLight

AH00456

406

1

* PARASNAP is a registered trademark of company PARAT®

Accessories for Helmet Communication Systems

HPS SafeGuard COM adapter right

3701642

406

1

HPS SafeGuard COM adapter left

3701643

406

1

COM plug protector*

Suitable for helmet communication units with Nexus connector

R80042

406

1

PARASNAP® is a registered trademark of company PARAT Solutions GmbH

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
Adapter for thermal imaging camera			
UCF FireCore Smart-Adapter for HPS SafeGuard	3716701	402	1
Helmet Protection & Transportation			
HPS Helmet carrying bag, big Bag for transport and storage of up to 2 helmets and accessories with business card pocket	R58555	496	1
HPS Helmet carrying bag, small Bag for transport and storage of 1 helmet and accessories, with business card pocket and detachable, adjustable shoulder straps	R68555	406	1
HPS Helmet protection bag Light fabric bag to protect the helmet with business card pocket	R79282	406	1
HPS Helmet protection cover For protection of the helmets, for training purposes on	R79279	406	1
Washing bag	6570003	978	1
Paint Repair Kits			
Colour luminescent (similar to RAL 110)	R56559	406	1
Colour white (RAL 9010)	R56539	406	1
Colour red (RAL 3000)	R56549	406	1
Colour zinc yellow (RAL 1018)	R56579	406	1
Colour black (RAL 9005)	R56589	406	1
Colour signal blue (RAL 5005)	R56569	406	1
Colour fluorescent yellow (RAL 1026)	R56531	406	1
Colour fluorescent orange (RAL 2005)	R56532	406	1
Colour white aluminium (RAL 9006)	R56533	406	1
Colour yellow green (RAL 6018)	R80041	406	1
Colour yellow luminescent (similar to RAL 1016)	3700637	406	1
Colour zinc yellow (RAL 1018)	R56579	406	1
Colour fluorescent orange (RAL 2005)	R56532	406	1
Colour white aluminum (RAL 9006)	R56533	406	1
Spare Parts			
For the spare parts please refer to our spare parts list which you receive on request.			
Dräger HPS SafeGuard AS/NZS spare parts list	E 1412.666		

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
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Traditional half shell fire helmet Dräger HPS® 4500

- Dräger HPS 4500 half shell helmet approved accord. to EN 443:2008 (Structural Firefighting, Type A 3b)
- Helmet shell made of glass-fibre reinforced duroplastic; high-temperature-resistant, specially reinforced with aramid fabric
- Head size: H2: 48 to 61 cm and H3: 56 to 64 cm
- comfortable interior design with 4-point-harness
- flame-resistant and washable harness made of Nomex/Aramid
- easy adjustment to fit individual head sizes with special hand-wheel
- Weight: size H2: approx. 995 g +/- 5%, size H3: approx. 1060 g +/- 5%
- with fixation-points for quick adaption of the visors
- variety of visors: Polysulfone- or PC-material, clear, with anti-scratch-coating on both sides
- helmet in combination with Polysulfone-visor approved acc. to EN 443:2008
- Polysulfone-visor itself approved according to EN 14458
- helmet with PC-visor approved for technical rescue-applications according to EN 443:2008
- PC-visor itself approved according to EN 166



Dräger HPS® 4500 Half Shell helmet

with reflective stripes, edge protection and loop for goggles



Dräger HPS 4500 luminescent; size H2	R62451	403	1
Dräger HPS 4500 luminescent; size H3	R62452	403	1
Dräger HPS 4500 white; size H2 (RAL 9010)	R62453	403	1
Dräger HPS 4500 white; size H3 (RAL 9010)	R62454	403	1
Dräger HPS 4500 red; size H2 (RAL 3000)	R62455	403	1
Dräger HPS 4500 red; size H3 (RAL 3000)	R62456	403	1
Dräger HPS 4500 black; size H2 (RAL 9005)	R62457	403	1
Dräger HPS 4500 black size H3 (RAL 9005)	R62458	403	1
Dräger HPS 4500 fluorescent yellow; size H2 (RAL 1026)	R62459	403	1
Dräger HPS 4500 fluorescent yellow; size H3 (RAL 1026)	R62460	403	1
Dräger HPS 4500 luminescent yellow; size H2*	3700322	403	1
Dräger HPS 4500 luminescent yellow; size H3*	3700323	403	1

*(similar to RAL 1016)

NOMEX is a trademark of the company DuPont

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
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Accessories

Visors / Goggles

PC (Polycarbonate)-Visors approved accord. to EN 166 and with helmet for Technical Rescue accord. to EN 443:2008 PPSU (Polysulfone)-Visors approved accord. to EN 14458 and in combination with helmet accord. to EN 443:2008 AS/AS= with anti-scratch-coating

HPS 4500 Visor H2 PC AS/AS	R62494	406	1
HPS 4500 Visor H3 PC AS/AS	R62495	406	1
HPS 4500 Visor H2 PPSU AS/AS	R62496	406	1
HPS 4500 Visor H3 PPSU AS/AS	R62497	406	1
Safety goggles x-pect 4800 HPS optical class 1, with Pinlock technology, anti-scratch and anti-fog coated	3717300	481	1
Electro visor HPS 4300/4500 (EN 166)	R56187	406	1
Mesh visor HPS 4300/4500 (EN 1731)	R56188	406	1
Visor-Adapter HPS 4500 For adaption of electro visor and mesh visor necessary:	R62448	406	1
Anti-fog spray flacon kp Comfort, 15ml	R56542	978	1
Klar-Pilot fluid (50 mL)	R52550	978	1
Neck Protector			
Neck Protector Leather	R57405	406	1
Neck Protector Alu/NOMEX®	R56622	406	1
Neck Protector NOMEX, long	R57299	406	1
Neck Protector NOMEX, short	R56620	406	1
Neck Protector NOMEX, Belgium version, 4-layers	R56621	406	1
Neck Protector Wool, long, Holland version	R56623	406	1
Neck Protector NOMEX, Holland version, 3-layers	R58015	406	1

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
Hearing Protection			
Hearing protection HPS 4300/4500	R56186	406	1
Reflective stripes			
Set Reflective stripes, silver, for HPS 4500 H2	R62461	406	1
Set Reflective stripes, silver, for HPS 4500 H3	R62462	406	1
Lamps / Lamp holders			
Helmet Lamp Dräger PX 1 LED (120 Lumen)	R62350	406	1
Helmet lamp Dräger PX1 LED, SHORTY (80 Lumen)	3701450	406	1
Helmet Lamp Dräger PX 2 LED (30 Lumen)	R62352	406	1
HPS 4500 universal lamp holder, base (base mounted to the helmet shell, to be combined with either Standard plug-in or PARASNAP lamp holders)			
Standard plug-in solution:			
HPS 4300/4500 universal lamp holder, big lamps (like PX1)	R62359	406	1
HPS 4300/4500 universal lamp holder, small lamps (like PX2)	R62358	406	1
PARASNAP® / Fidlock-technology (Magnetic lock, 2 part solution: lamp holder and plug-in adapter needed):			
PARASNAP® plug-in adapter, left	R62671	406	1
PARASNAP® plug-in adapter, right	R62672	406	1
Helmet-Lamp holder PARASNAP for lamps PX 1	R62355	406	1
Helmet-Lamp holder PARASNAP for lamps PX 2	R62357	406	1
PARASNAP® SNAP-IN CAM To attach a GoPro or action camera, not for structural firefighting applications, to use the PARASNAP SNAP-IN CAM adapter the PARASNAP lamp holder for PX2 is needed as well			
Rear light Dräger HPS BuddyLight including adapter LED rear light as a warning and indicator light	AH00457	406	1
Adapter for Dräger HPS BuddyLight Adapter only to upgrade HPS helmets	AH00456	406	1

PARASNAP® is a registered trademark of company PARAT Solutions GmbH

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
Accessories for Communication Systems			
HPS COM adapter for HPS 4500	3720032	406	1
Adapter ring for adaption of Communication sets Savox COM	R56828	406	1
HolmCo adapter base for HPS 4300/4500*			
HolmCo adapter base for HPS 4300/4500*	R58000	406	1
HolmCo Insert plate for helmet adapter*	R58588	406	1
(*Adaptations for the communication headset model "Scorpion" from HolmCo - Holmberg GmbH & Co. KG to the HPS 4500)			
Accessories for thermal imaging camera			
HPS 4500 univ. lamp and camera holder, base	R62991	406	1
UCF FireCore Smart Adapter universal R (for right side)	3705513	402	1
UCF FireCore Smart adapter universal L (for left side)	3716696	402	1
Helmet Protection & Transportation			
Helmet carrying bag Bag for transport and storage of up to 2 helmets and accessories with business card pocket	R58555	406	1
Helmet carrying bag, small Bag for transport and storage of 1 helmet and accessories, with business card pocket and detachable, adjustable shoulder straps	R68555	406	1
Helmet protection bag Light fabric bag to protect and carry a helmet with business card pocket	R79282	406	1
Paint-Repair Kits			
Colour luminescent	R56559	406	1
Colour white (RAL 9010)	R56539	406	1
Colour red (RAL 3000)	R56549	406	1
Colour black (RAL 9005)	R56589	406	1
Colour fluorescent yellow (RAL 1026)	R56531	406	1
Colour luminescent yellow (similar to RAL 1016)	3700637	406	1
Spare Parts			
For the spare parts please refer to our spare parts List(s) which you receive on request:			
Dräger HPS 4500	E 1412.639		

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit	Price/ea Excl. VAT
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Multifunctional Rescue Helmet Dräger HPS® 3500

- Dräger HPS 3500 – multi-functional and universal rescue helmet
- especially designed for the demands of emergency-teams, in search and rescue missions, for forest- and bush-fire fighting, road accidents, height rescue and any kind of technical support operations in emergency situations
- approved according the following standards
EN 16471:2014 (Wildland- and Bush Fire Fighting),
EN 16473:2014 (Technical Rescue),
EN 12492:2012 (Height Rescue) and
EN 1385:2012 (Water Rescue)
- high-tech materials provide an optimal head protection with very low weight:
Basic version (mass-dyed/unpainted): approx. 710 g +/- 3 %
Premium version (painted): approx. 780 g +/- 3 %
Extend version (painted with front lamp adaptation): approx. 795 g +/- 3%
- universal size, freely adjustable for head sizes from 52 to 64 cm
- excellent wearing comfort due to comfortable interior design
- with ventilation system for optimal climate inside the helmet
- sealable to protect against impact of water, flying shavings or sparks
- individual adjustment of the head size by easy to operate adjustment wheel
- various and easy to adapt accessories for different applications available
- available as HPS 3500 set incl. robust safety goggles with pinlock-technology (goggles accord. to EN 166 and EN 14458) or as version without goggles, e.g. for applications where a visor as face protection is preferred
- available as Premium-version (painted) or Basic-version (unpainted /mass dyed), each version to be chosen as HPS 3500- set (with goggles) or helmet only
- Extend-version with painted helmet shell and front lamp adapter available



Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
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Dräger HPS® 3500 Extend

with painted helmet shell
with front lamp adapter
without reflective stripes (optional).
Available in 2 different colours



Dräger HPS 3500 Extend, red (RAL 3020)	3700743	407	1
Dräger HPS 3500 Extend, white (RAL 9016)	3700744	407	1

Dräger HPS® 3500 PREMIUM Sets

Premium = painted helmet shell
Set including safety goggles
without reflective stripes (optional).
Available in 9 different colours



Dräger HPS 3500 Premium Set, red (RAL 3020)	R62651	407	1
Dräger HPS 3500 Premium Set, white (RAL 9016)	R62652	407	1
Dräger HPS 3500 Premium Set, yellow (RAL 1021)	R62653	407	1
Dräger HPS 3500 Premium Set, black (RAL 9005)	R62654	407	1
Dräger HPS 3500 Premium Set, blue (RAL 5026)	R62655	407	1
Dräger HPS 3500 Premium Set, yellow green (RAL 6018)	3700647	407	1
Dräger HPS 3500 Premium Set, luminescent	R62656	407	1
Dräger HPS 3500 Premium Set, fluorescent yellow (RAL 1026)	R62657	407	1
Dräger HPS 3500 Premium Set, fluorescent orange (RAL 2005)	R62658	407	1

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
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Dräger HPS® 3500 Premium Helmets

Premium = painted helmet shell
 Helmet without safety goggles
 without reflective stripes (optional).
 Available in 10 different colours



Dräger HPS 3500 Premium, red (RAL 3020)	R62640	407	1
Dräger HPS 3500 Premium, white (RAL 9016)	R62641	407	1
Dräger HPS 3500 Premium, yellow (RAL 1021)	R62642	407	1
Dräger HPS 3500 Premium, black (RAL 9005)	R62643	407	1
Dräger HPS 3500 Premium, blue (RAL 5026)	R62644	407	1
Dräger HPS 3500 Premium, yellow green (RAL 6018)	3700646	407	1
Dräger HPS 3500 Premium, white-aluminium (RAL 9006)	3700727	407	1
Dräger HPS 3500 Premium, luminescent	R62645	407	1
Dräger HPS 3500 Premium, fluorescent yellow (RAL 1026)	R62646	407	1
Dräger HPS 3500 Premium, fluorescent orange (RAL 2005)	R62647	407	1

Dräger HPS® 3500 Basic Sets

basic = helmet shell not painted, but mass dyed
 Set including safety goggles
 without reflective stripes (optional).
 Available in 3 different colours



Dräger HPS 3500 Basic Set, red (similar to RAL 3000)	R62659	407	1
Dräger HPS 3500 Basic Set, white (similar to RAL 9010)	R62660	407	1
Dräger HPS 3500 Basic Set, yellow (similar to RAL 1023)	R62661	407	1

Dräger HPS® 3500 Basic Helmets

basic = helmet shell not painted, but mass dyed
 Helmet without safety goggles
 without reflective stripes (optional).
 Available in 3 different colours



Dräger HPS 3500 Basic, red (similar to RAL 3000)	R62648	407	1
Dräger HPS 3500 Basic, white (similar to RAL 9010)	R62649	407	1
Dräger HPS 3500 Basic, yellow (similar to RAL 1023)	R62650	407	1

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
Accessories			
Goggles / Visors			
Safety goggles, Pinlock-technology (EN 166/ EN 14458) (Adapted to the helmet with silicone-straps - in case of HPS 3500 Sets included in scope of delivery)	R58424	407	1
Safety goggles, Elasticband, adjustable (EN 166/ EN 14458) (as goggles R 58 424, but adapted to the helmet with adjustable elastic band)	R58564	407	1
Safety goggles, QuickConnect (EN 166/ EN 14458) (as goggles R 58 424, but adapted to the helmet with quick connector)	3700725	407	1
Safety goggles x-pect 4800 HPS (EN 166) anti-scratch-, antifog coated	3717300	407	1
Safety goggles x-pect 4800 HPS QwickConnect (EN166) in prep	3715018	481	1
PC (Polycarbonate)-Visor HPS 3500 / HPS AquaRescue, clear (EN 166) Eye protection to wear with helmet - as alternative to safety goggles	R58432	407	1
Mesh visor HPS 3500 / HPS AquaRescue (EN 1731) To protect eyes against flying shavings, e.g. when working with wood	R58431	407	1
Electro-Visor HPS 3500 (EN 166) To protect eyes against electric arcs when working in electric installations carrying heavy currents	R58433	407	1
Visor adapter (pair) HPS 3500 / HPS AquaRescue For fixation of a. m. visors, when visor-adaption without earmuff-adaption is chosen	R58561	407	1
Lamp holders / Lamps			
Lamp holder HPS 3500 for Dräger PX1-Lamps Made of high-temperature-resistant plastic	R58566	407	1
Lamp holder HPS 3500 for UK4AA- and Peli-lamps	R62669	407	1
PARASNAP® helmet adapter for HPS 3500 Two-piece magnetic adapter solution, additionally to the helmet adapter a lamp holder is necessary:	3716056	407	1
PARASNAP (R) lamp holder for PX1	R62655	406	1
PARASNAP (R) lamp holder for PX2	R62357	406	1
Helmet lamp Dräger PX1 LED Lamp with ATEX-approval in LED-Technology	R62350	406	1
Helmet lamp Dräger PX1 LED, Shorty Lamp with ATEX-approval in LED-Technology	3701450	406	1
HPS 3500 Front lamp incl. lamp holder (PELI 2765 Z0)	3700741	406	1
HPS 3500 helmet adapter for front lamp (helmet mounted part)	3700740	406	1
Rear light Dräger HPS BuddyLight including adapter LED rear light as a warning and indicator light	AH00457	406	1
HPS mining cap lamp adapter (in prep.)	3716786	407	1

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
Reflective Stripes			
Self-adhesive, for individual design of helmets. Available in 3 different colours:			
Reflective stripes for HPS 3500, red	R58426	407	1
Reflective stripes for HPS 3500, yellow	R58427	407	1
Reflective stripes for HPS 3500, grey-silver	R58428	407	1
Neck guards			
Neck guard HPS 3500 Nomex with snap fastener	3715568	407	1
Neck protector in scarf-design, made of NOMEX-material, with adaptation to the helmet via snap fastener			
Further Accessories			
Earmuffs CPE 100 for HPS 3500 / HPS AquaRescue (EN 352-3) Hearing protection, easy to adapt to helmet	3700655	407	1
HPS-COM Adapter HPS 3500 (in prep.)	3731187	410	1
Anti-fog spray flacon kp Comfort, 15ml	R56542	978	1
Klar-Pilot fluid (50 mL)	R52550	978	1
NOMEX is a registered trademark of the company DuPont			
Helmet Protection & Transportation			
Helmet protection bag Light fabric bag to protect and carry helmet and accessories with business card pocket	R79282	406	1
Helmet carrying bag Bag for transport and storage of up to 2 helmets and accessories with business card pocket	R58555	406	1
Helmet carrying bag, small Bag for transport and storage of 1 helmet and accessories, with business card pocket and detachable, adjustable shoulder straps	R68555	406	1
Spare Parts			
For the spare parts please refer to our spare parts List(s) which you receive on request:			
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Dräger HPS 3500	E 1412.627		

Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit	Price/ea Excl. VAT
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Water Rescue Helmet Dräger HPS® AquaRescue

- modern and extremely impact-resistant helmet for use in rescue missions on, in or above the water
- approved according the following standards
EN 1385:2012 (Water Rescue),
EN 16473:2014 (Technical Rescue),
EN 12492:2012 (Height Rescue) and
BS PAS 028:2002 (British standard for marine safety helmets)
- high-tech materials provide an optimal head protection with very low weight:
approx. 635 g ± 10 gr (in basic version without accessories)
approx. 750 g ± 10 gr (in basic version with ear cover)
- universal size, freely adjustable for head sizes from 50 to 62 cm
- excellent wearing comfort due to comfortable interior design
- ventilation holes allow water to escape from the helmet shell and ensure an optimum climate inside the helmet.
- helmet peak to protect against sunlight, running water and impacts, e.g. in the event of a head-on collision
- individual adjustment of the head size by easy to operate adjustment wheel
- various and easy to adapt accessories for different applications available.

COMING SOON



Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
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Dräger HPS® 3500 AquaRescue

with mass-dyed helmet shell

with helmet peak

available in 3 different colors



Basic helmet with helmet shell

Dräger HPS 3500 AquaRescue, red (RAL 3020)	3736274	407	1
Dräger HPS 3500 AquaRescue, fluorescent yellow (RAL 1026)	3736275	407	1
Dräger HPS 3500 AquaRescue, fluorescent orange (RAL 2005)	3736276	407	1

Accessories

Ear and hearing protection

Ear Protection

with skin-friendly padding and slits to protect the ears from side impacts and water waves, available in different colors.



Dräger HPS 3500 AquaRescue, red (RAL 3020)	3736278	407	1
Dräger HPS 3500 AquaRescue, fluorescent yellow (RAL 1026)	3700725	407	1
Dräger HPS 3500 AquaRescue, fluorescent orange (RAL 2005)	3700725	407	1

Hearing Protection

Easy to attach to the helmet, for work in noisy environments, approved according to EN 352-3. (EN 352-3)



Earmuffs CPE 100	3700655	407	1
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Personal Protection Technology

Fire and Rescue Helmets

Description	Order Code	Product Category	Packing unit
Goggles / Visors			
Safety goggles, Elasticband, adjustable (EN 166/ EN 14458) (with adjustable elastic band)	R58564	407	1
Safety goggles, x-pect 4800 HPS (EN166) (with adjustable elastic band)	3717300	481	1
PC (Polycarbonate)-Visor HPS 3500/ HPS AquaRescue, clear (EN 166) Eye protection to wear with helmet - as alternative to safety goggles	R58432	407	
Mesh visor HPS 3500/ HPS AquaRescue (EN 1731) To protect eyes against flying shavings, e.g. when working with wood	R58431	407	1
Visor adapter (pair) HPS 3500 / HPS AquaRescue For fixation of a. m. visors, when visor-adaption without earmuff-adaption is chosen	R58561	407	1
Reflective Stripes			
Self-adhesive, for individual design of helmets. Available in 3 different colors:			
Reflective stripes for HPS AquaRescue, red	3736282	407	1
Reflective stripes for HPS AquaRescue, yellow	3736283	407	1
Reflective stripes for HPS AquaRescue, grey-silver	3736284	407	1
Adapter for Action Cameras			
HPS AquaRescue Adapter Action Cam	3736292	407	1
Helmet Protection & Transportation			
Helmet protection bag Light fabric bag to protect and carry helmet and accessories with business card pocket	R79282	406	1
Helmet carrying bag Bag for transport and storage of up to 2 helmets and accessories with business card pocket	R58555	406	1
Helmet carrying bag, small Bag for transport and storage of 1 helmet and accessories, with business card pocket and detachable, adjustable shoulder straps	R68555	406	
Spare Parts			
For the spare parts please refer to our spare parts List(s) which you receive on request:			
Dräger HPS AquaRescue	E 1412.680		

Personal Protection Technology

Thermal Imaging Cameras

Dräger UCF FireCore
Dräger UCF FireVista

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599

Personal Protection Technology

Thermal Imaging Cameras

Description	Order Code	Product Category	Packing unit
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Dräger UCF FireCore

the latest generation of helmet-mounted thermal imaging cameras

- very good image quality - with an image resolution of 160 x 120 pixels
- for adaptation to firefighter helmets Dräger HPS 7000 and Dräger HPS SafeGuard and others
- in combination with an in-mask display (FPS IMD), which can easily be adapted to a FPS 7000 mask - to display the thermal image inside the mask.
- for optimal visibility in darkness, fire and smoke conditions, to localize dangerous situations and to find endangered persons
- a brightness sensor adjusts the image to the ambient light
- hands free for use
- small, robust and lightweight: camera approx. 300 g (incl. battery), mask display approx. 140 g (incl. battery)
- recording of photos and videos possible
- eyepiece adjustable in 3 different click stops
- temperature sensitivity of 0.05° C / 50 mK
- Frame rate: 9 Hz
- temperature measuring range - 10 ° to + 380° C
- robust housing, complies with protection class IP 67
- EN approval; UCF FireCore according to EN 443, FPS IMD according to EN136
- Atex approval: UCF FireCore: Zone 2, FPS IMD: Zone 0
- included in scope of delivery of the camera UCF FireCore and the inmask display (IMD): 1 lithium-ion battery inside the camera or IMD
- to be ordered separately with the camera and the In-Mask Display: Charging cradle for UCF FireCore and charging cradle for FPS IMD, adapters for helmets HPS 7000 and HPS SafeGuard and for HPS 4300 and 4500 (in case of HPS 4300/ 4500 in conjunction with universal lamp/camera holder)



Personal Protection Technology

Thermal Imaging Cameras

Description	Order Code	Product Category	Packing unit
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Dräger UCF Fire Core

Thermal imaging camera adaptable to the helmet
Included with the camera:
Integrated lithium-ion battery



Dräger UCF FireCore	3716690	401	1
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Dräger FPS IMD (In-Mask Display)

In-Mask Display to be adapted to masks of type FPS 7000
to display the thermal image inside the mask
Included in scope of delivery:
Integrated lithium-ion battery



Dräger FPS IMD	3716691	563	1
Necessary for adaptation of FPS IMD onto FPS mask: Quick Adapter FPS	3716695	402	1

Necessary Accessories

Charging cradle for UCF FireCore also suitable for charging inside a vehicle	3716692	402	1
Charging cradle for FPS IMD	3716693	402	1
For charging with cradles UCF FireCore and FPS IMD needed: Plug-in power supply (12V, 5A, 60W) for simultaneous power supply for up to 5 charging cradles	8316994	981	1
Vehicle charging adapter	8312645	981	1
Quick Adapter FPS For adaptation of FPS IMD onto mask FPS 7000	3716695	402	1
Smart Adapter HPS 7000 for adapting the UCF FireCore to the helmet Dräger HPS 7000	3716694	402	1
Smart Adapter HPS 7000 HMC (For use with helmet-mask-combination with HPS 7000)	3732924	402	1
Smart Adapter HPS SafeGuard for adapting the UCF FireCore to the helmet Dräger HPS SafeGuard	3716701	402	1
Smart Adapter universal R (carried on right side, recommended) for adaptation to helmets HPS 4300/4500 in connection with universal lamp-and camera-holder R62991 or R62079 (to be ordered separately)	3705513	402	1
Smart Adapter universal L (carried on left side) for adaptation to helmets HPS 4300/4500 in connection with universal lamp- and camera-holder R62991 or R62079 (to be ordered separately)	3716696	402	1
Universal lamp- and camera holder HPS 4500	R62991	406	1
Universal lamp- and camera holder HPS 4300	R62079	406	1
Case for UCF FireCore	3730047	402	1

Spare Parts

For the spare parts please refer to our spare parts list(s) which you receive on request:

Dräger UCF FireCore	E 1010.990
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Personal Protection Technology

Thermal Imaging Cameras

Description	Order Code	Product Category	Packing unit
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Dräger UCF FireVista

- New generation of handheld Thermal Imaging Cameras
- for optimal vision in case of darkness, fire and smoke to locate dangerous situations and persons therein
- small, robust and lightweight (approx. 870 g, incl. battery)
- easy to use: user-friendly one-hand and one-button operation
- excellent image quality with a resolution of 320 x 240 pixel
- big display (3,5")
- temperature sensitivity of 0,05° C /50 mK
- measuring range -20 ° bis + 650° C
- robust casing, with protection class of IP 67
- modern Lithium Iron Phosphate (LiFePO4) batteries provides operation time for more than 5 hours



High Picture Frequency of 30 Hz.

Included in scope of delivery:

integrated Lithium Iron Phosphate (LiFePO4) battery, retractable lanyard , charging cradle with power supply (130-240V), in-cab charging adapter and pair of hand loops, attached to camera



UCF FireVista	3719350	405	1
Accessories			
Lanyard for carrying during operation (retractable)	3719354	405	1
Charger for charging of Lithium Iron Phosphate batteries in the camera	3719352	405	1
Power Supply for operations with 12 V-Adapter	8316994	981	1
Charger for charging the camera inside cars or fire trucks	8312645	981	1
Case for UCF FireVista	3730237	402	1
Spare Parts			
For the spare parts please refer to our spare parts List(s) which you receive on request:			
Dräger UCF FireVista	E 1010.800		

Personal Protection Technology

Protective Clothing

Gastight Protective Clothing

Dräger CPS 7900	601
Dräger CPS 7900 Olive Drab	605
Dräger CPS 7800	608
Dräger CPS 7800 Olive Drab	612
Dräger CPS 6900	616
Dräger CPS 6800	620
Dräger CPS 6800/7800 Training	624
Dräger CPS 6900/7900 Training	627
Dräger CPS 5900	630
Dräger CPS 5800	632

Splash Protective Clothing against Solid and Liquid Chemicals

Dräger SPC 2400	633
Dräger SPC 4400	635
Dräger SPC 4700	638
Dräger SPC 4800	642
Dräger SPC 4900	644

Gloves and Safety Boots

Gloves (Industry, Fire Brigades, etc.)	645
Safety Boots (Industry, Fire Brigades, etc.)	648

External air supply and cooling systems

External air supply and ventilation system for Dräger CPS 7900 and CPS 6900	650
Ventilation system for Dräger CPS 7800, CPS 6800	652

Additional accessories and marking

Accessories	653
Customer Specific Marking	655

Comfort Clothing

Dräger Comfort Vest CVP 5220	657
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Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
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Dräger CPS 7900

Tailor-made for use under extreme conditions: The Dräger CPS 7900 provides excellent protection against a wide range of hazardous substances. It is qualified equally well for work in explosive areas and for handling cryogenic substances.

A wide range of accessories is available to customize the Dräger CPS 7900 to meet your specific needs and requirements, thereby expanding your range of application options. Including pressure gauge holder, height adjustment, anti-fog visor and D-Connect, regulation valve PT 120l or Air-Connect.

Approvals:

- EN 943 part 1 & 2
- ISO 16602
- EN 1073 - 1 & 2
- EN ISO 13688
- SOLAS
- EN 14126
- EX-Protection
- EN 14593-1
- tested acc. to BS 8467

The suits are available in the following sizes:

- S: for body height from 150 cm up to 165 cm
- M: for body height from 160 cm up to 175 cm
- L: for body height from 170 cm up to 185 cm
- XL: for body height from 180 cm up to 200 cm
- XXL: for body height from 195 cm up to 210 cm



Dräger CPS 7900 (Fixed versions)

These fixed versions are equipped with:

- D-mex in orange
- zipper closes at hood
- integrated safety boots
- Laminate + Tricotril glove combination
- anti-fog visor
- pressure gauge holder
- height adjustment
- two grease sticks
- CPS storage- and transportation bag



Dräger CPS 7900 – EN size S (boots size 43, gloves size 10)	R58346	553	1
Dräger CPS 7900 – EN size M (boots size 43, gloves size 10)	R58347	553	1
Dräger CPS 7900 – EN size L (boots size 46/47, gloves size 10)	R58348	553	1
Dräger CPS 7900 – EN size XL (boots size 46/47, gloves size 11)	R58349	553	1
Dräger CPS 7900 – EN size XXL (boots size 49/50, gloves size 11)	R58350	553	1

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
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Dräger CPS 7900 (configurator)

The following price list is for the configurator of the Dräger CPS 7900. The price of the final product is the sum of the components list prices which will be part of the final product. Components with specific part numbers are not part of the configurator and need to be ordered separately. Please choose your best optimized version.

	R29500	553	
Color			
Blue			1
Orange			1
Dräger CPS 7900 Basic Suit			
Dräger CPS 7900 Basic Suit, size S			1
Dräger CPS 7900 Basic Suit, size M			1
Dräger CPS 7900 Basic Suit, size L			1
Dräger CPS 7900 Basic Suit, size XL			1
Dräger CPS 7900 Basic Suit, size XXL			1
Zipper			
Closing at top (bottom up)			1
Closing at bottom (top down)			1
Cover flap for zipper			
Single flap with hook-and-loop fastener			1
Single flap with buttons			1



Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
Integrated Safety Boots			
Boots Nitril-P, size 43 (UK size 9)			1
Boots Nitril-P, size 44 (UK size 9.5)			1
Boots Nitril-P, size 45 (UK size 10.5)			1
Boots Nitril-P, size 46/47 (UK size 11.5)			1
Boots Nitril-P, size 48 (UK size 12.5)			1
Boots Nitril-P, size 49/50 (UK size 14)			1
Instead of integrated boots gastight socks can be fitted. Please order boots separately for suit with socks. Different boots could be found in the price list "Safety Boots"			
Socks, size 41-44 (UK size 7.5 – 9.5) with cover			1
Socks, size 44-47 (UK size 9.5 – 12) with cover			1
Socks, size 47-50 (UK size 12 – 14) with cover			1
Integrated protective gloves			
Gloves FKM/Butyl, size 9			1
Gloves FKM/Butyl, size 10			1
Gloves FKM/Butyl, size 11			1
(optional Tricotril overglove)			
Glove comb. Laminate glove / Tricotril, size 10			1
Glove comb. Laminate glove / Tricotril, size 11			1
Glove comb. Laminate glove / Butyl, size 9			1
Glove comb. Laminate glove / Butyl, size 10			1
Glove comb. Laminate glove / Butyl, size 11			1
Accessories Gloves			
Overgloves Tricotril, size 10 (pair)			1
Overgloves Tricotril, size 11 (pair)			1
Cotton gloves (Pair)			1
Diverse Accessories			
Anti-fog visor			1
Pressure Gauge Holder			1
Height Adjustment			1

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
External Air Supply and Cooling			
Regulation valve PT 120 L pass-through for cooling and breathing			1
Air-Connect pass-through for breathing only			1
Accessories for Pass-throughs			
Valve cover (required by german VFDB)			1
Y-piece - switch over valve (analog)			1
Automatic Switch-Over Valve (digital) for PSS 7000/5000/3000 and AirBoss	3357007	519	1
Automatic Switch-Over Valve (digital) for PAS and other PSS	3354568	519	1
Adapter male to female coupling – To connect LDV or any male SCBA coupling			1
Adapter male to male coupling – To connect any female SCBA coupling			1
Adaptation for gas meters, tools etc.:			
D-Connect on left hip - fitting for gas meters, tools, ropes etc.			1
D-Connect on right hip - fitting for gas meters, tools, ropes etc.			1
Fall Protection			
Fall Connect			1
Transport & Storage			
CPS Storage and Transportation Bag			1
Transport box (stackable)			1
Customized marking			
For further information regarding customer specific markings please refer to our pricelist "Customer Specific Marking".			
Spare Parts			
Please refer to our spare parts list(s) which you receive on request:			
CPS 7900	E 2535.750		

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
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Dräger CPS 7900 Olive drab

Tailor-made for use under extreme conditions:

The Dräger CPS 7900 provides excellent protection against a wide range of hazardous substances, including chemical warfare agents. It is qualified equally well for civil defense operations, work in explosive areas, as well as for decontamination. The suit is available in olive drab.

A wide range of accessories is available to customize the Dräger CPS 7900 to meet the specific needs and requirements, thereby expanding the range of application options, including ventilation system, pressure gauge holder, height adjustment, anti-fog visor and D-Connect.

Approvals:

- EN 943 part 1 & 2
- ISO 16602
- EN 1073 - 1 & 2
- EN ISO 13688
- SOLAS
- EN 14126
- EX-Protection
- EN 14593-1
- tested acc. to BS 8467

The suits are available in the following sizes:

- S: for body height from 150 cm up to 165 cm
- M: for body height from 160 cm up to 175 cm
- L: for body height from 170 cm up to 185 cm
- XL: for body height from 180 cm up to 200 cm
- XXL: for body height from 195 cm up to 210 cm



Dräger CPS 7900 Olive drab (configurator)

The following price list is for the configurator of the CPS 7900 Olive Drab. The price of the final product is the sum of the components list prices which will be part of the final product. Components with specific part numbers are not part of the configurator and need to be ordered separately. Please choose your best optimized version.



	R29450	553	
Basic Suit			
Incl. Zipper, Boots/Socks, glove comb. Laminate glove / Tricotril etc. acc. to configurator			
Approval acc. to EN 943 and others (see above)			
Color			
Olive Drab			1

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
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Dräger CPS 7900 Olive drab

Dräger CPS 7900 Basic Suit			
Dräger CPS 7900 Olive drab Basic Suit, size S			1
Dräger CPS 7900 Olive drab Basic Suit, size M			1
Dräger CPS 7900 Olive drab Basic Suit, size L			1
Dräger CPS 7900 Olive drab Basic Suit, size XL			1
Dräger CPS 7900 Olive drab Basic Suit, size XXL			1
Zipper			
Closes at Top (bottom up)			1
Closes at Bottom (top down)			1
Cover Flap for Zipper			
Single Flap with hook-and-loop fastener			1
Single Flap with Buttons			1
Integrated Safety Boots or Gas-Tight Socks			
Boots Nitril-P, size 43 (UK size 9)			1
Boots Nitril-P, size 44 (UK size 9.5)			1
Boots Nitril-P, size 45 (UK size 10.5)			1
Boots Nitril-P, size 46/47 (UK size 11.5)			1
Boots Nitril-P, size 48 (UK size 13)			1
Boots Nitril-P, size 49/50 (UK size 14)			1
Instead of integrated boots gastight socks can be fitted. Please order boots separately for suit with socks. Different boots could be found in the price list "Safety Boots"			
Socks, size 41-44 (UK size 7.5 – 9.5) with cover			1
Socks, size 44-47 (UK size 9.5 – 12) with cover			1
Socks, size 47-50 (UK size 12 – 14) with cover			1
Integrated protective gloves			
Gloves FKM/Butyl, size 9			
Gloves FKM/Butyl, size 10			
Gloves FKM/Butyl, size 11			
(optional Tricotril overglove)			
Glove comb. Laminate glove / Tricotril, size 10			1
Glove comb. Laminate glove / Tricotril, size 11			1
Glove comb. Laminate glove / Butyl, size 9			1
Glove comb. Laminate glove / Butyl, size 10			1
Glove comb. Laminate glove / Butyl, size 11			1

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
Accessories Gloves			
Overgloves Tricotril, size 10 (pair)			1
Overgloves Tricotril, size 11 (pair)			1
Cotton gloves (Pair)			1
Diverse Accessories			
Anti-Fog Visor			1
Pressure Gauge Holder			1
Height Adjustment			1
External Air Supply and Cooling			
Regulation Valve PT 120 pass-through for cooling and breathing			1
Air-Connect pass-through for breathing only			1
Accessories for Pass-Through			
Y-Piece – Switch-Over Valve (analog)			1
Automatic Switch-Over Valve (digital) for PSS 7000/5000/3000	3357007	519	1
Automatic Switch-Over Valve (digital) for PAS and other PSS and AirBoss	3354568	519	1
Adapter Male to Female Coupling to connect LDV or any male SCBA coupling			1
Adapter Male to Male Coupling to connect any female SCBA coupling			1
Adaptation for Gas Meters, Tools etc.			
D-Connect on Left Hip - fitting for gas meters, tools, ropes etc.			1
D-Connect on Right Hip - fitting for gas meters, tools, ropes etc.			1
Transport & Storage			
CPS Storage and Transportation Bag			1
Transport box (stackable)			1
Customized marking			
For further information regarding customer specific markings please refer to our pricelist "Customer Specific Marking".			
Spare Parts			
For the spare parts please refer to our spare parts list(s) which you receive on request:			
CPS 7900 Olive Drab	E 2535.755		

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
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Dräger CPS 7800

Gas-tight reusable Chemical Protective Suit type 1b with a breathable air supply that is independent of the ambient atmosphere and worn outside the suit, e.g. SCBA. The Dräger CPS 7800 provides excellent protection against gaseous, liquid, aerosol and solid hazardous substances, even in explosive areas. Due to its innovative material and the new suit design it offers increased flexibility and comfort when entering confined spaces.

Approvals:

- EN 943-1+2 (ET)
- EN 1073-1
- EN ISO 13688
- EN 14126
- ISO 16602
- BS 8467
- SOLAS

The suits are available in the following sizes:

- S: for body height from 150 cm up to 165 cm
- M: for body height from 160 cm up to 175 cm
- L: for body height from 170 cm up to 185 cm
- XL: for body height from 180 cm up to 195 cm
- XXL: for body height from 190 cm up to 205 cm



Dräger CPS 7800 (fixed part number)

The Dräger CPS 7800 is also offered with fixed part numbers.

The suits are configured as follows: Color orange, face cuff, safety boots Nitril-P, glove combination Laminate glove / Tricotril, one pair cotton gloves separately enclosed, weight approx. 5.5 kg. The CPS storage and transportation bag is included as well.

Notice: There is no possibility for customized marking of the suits.

Dräger CPS 7800 size L boots size 43 (UK size 9), Glove comb. Laminate Glove/ Tricotril size 10	R59143	901	1
Dräger CPS 7800 size XL boots size 46 (UK size 11), Glove comb. Laminate Glove/ Tricotril size 11	R59146	901	1

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
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Dräger CPS 7800 (configurator)

Zipper: With outside metal parts plus cover flap with hook-and-loop fastener fasteners closing from left shoulder to right hip.

Weight: Approx. 3,5 kg with face cuff and socks (without ventilation system), Approx. 6,5 kg with integrated mask and boots (without ventilation system).

The following price list is for the configurator of the Dräger CPS 7800. The price of the final product is the sum of the components list prices which will be part of the final product. Components with specific part numbers are not part of the configurator and need to be ordered separately. Please choose your best optimized version.



Color			
Blue	R29650	901	
Orange	R29650	901	
Dräger CPS 7800 (configurator) Basic Suit			
Dräger CPS 7800 Basic Suit, size S			1
Dräger CPS 7800 Basic Suit, size M			1
Dräger CPS 7800 Basic Suit, size L			1
Dräger CPS 7800 Basic Suit, size XL			1
Dräger CPS 7800 Basic Suit, size XXL			1
Integrated Safety Boots			
Boots Nitril-P, size 43 (UK size 9)			1
Boots Nitril-P, size 44 (UK size 9.5)			1
Boots Nitril-P, size 45 (UK size 10.5)			1
Boots Nitril-P, size 46/47 (UK size 11.5)			1
Boots Nitril-P, size 48 (UK size 13)			1
Boots Nitril-P, size 49/50 (UK size 14)			1
Instead of integrated boots gastight socks can be fitted. Please order boots separately for suit with socks. Different boots could be found in the price list "Safety Boots"			
Socks, size 41-44 (UK size 7.5 – 9.5) with cover			1
Socks, size 44-47 (UK size 9.5 – 12) with cover			1
Socks, size 47-50 (UK size 12 – 14) with cover			1

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
Integrated protective gloves			
Gloves FKM/Butyl, size 9			1
Gloves FKM/Butyl, size 10			1
Gloves FKM/Butyl, size 11			1
(optional Tricotril overglove)			
Glove comb. Laminate glove / Tricotril, size 10			
Glove comb. Laminate glove / Tricotril, size 10			1
Glove comb. Laminate glove / Tricotril, size 11			1
Glove comb. Laminate glove / Butyl, Size 9			
Glove comb. Laminate glove / Butyl, Size 9			1
Glove comb. Laminate glove / Butyl, Size 10			1
Glove comb. Laminate glove / Butyl, Size 11			1
Accessories Gloves			
Overgloves Tricotril, size 10 (pair)			1
Overgloves Tricotril, size 11 (pair)			1
Cotton gloves (Pair)			1
Face Connection			
Face cuff (gas-tight) For adaptation of a separate full face mask			1
Mask Panorama Nova P-Triplex Assembled in CPS, material: butyl-mix, positive pressure plug-in connector			1
Mask Panorama Nova RA-Triplex Assembled in CPS, material: butyl-mix, normal pressure thread connector			1
Mask Panorama Nova PE-Triplex Assembled in CPS, material: butyl-mix, standard connector M45x3			1
Mask Panorama Nova ESA-Triplex Assembled in CPS, material: butyl-mix, positive pressure-quick-connector			1
Ventilation			
Regulation valve RV PT 120 L (pass through for cooling and breathing)			1
Set Ventilation Loops (for preparation of later fitting of RV PT 120L)			1

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
Accessories for pass-throughs			
Automatic Switch-Over Valve (digital) for PSS 7000/5000/3000 and AirBoss	3357007	519	1
Automatic Switch-Over Valve (digital) for PAS and other PSS	3354568	519	1
Extension hose LDV	3351378	516	1
Pressure Hose (250 mm)	R55756	975	1
Suspenders			
Suspenders (already assembled)			1
Transport and Storage			
Transport bag			1
CPS Storage and Transportation Bag			1
Transport box (stackable)			1
Customized marking			
For further information regarding customer specific markings please refer to our pricelist "Customer Specific Marking".			
Spare Parts			
For the spare parts please refer to our spare parts list(s) which you receive on request:			
Dräger CPS 7800	E 2535.740		

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
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Dräger CPS 7800 Olive drab

Be it unknown or hazardous chemical substances, you can rely on your gas-tight, reusable Dräger CPS 7800 during your operations. The innovative, 5-layer suit material, D-mex, is extremely resistant to industrial chemical substances and warfare agents. The great freedom of movement, easy donning and doffing of the suit, as well as the long service life of the CPS- 7800 will add to your satisfaction. The suit can be configured according to your needs with face cuff, full-face mask, or ventilation system for more comfort. Dräger CPS 7800 – Your protection suit for extreme conditions.

Approvals:

- EN 943-1+2 (ET)
- EN 1073-1
- EN ISO 13688
- EN 14126
- ISO 16602
- BS 8467
- SOLAS

The suits are available in the following sizes:

- S: for body height from 150 cm up to 165 cm
- M: for body height from 160 cm up to 175 cm
- L: for body height from 170 cm up to 185 cm
- XL: for body height from 180 cm up to 195 cm
- XXL: for body height from 190 cm up to 205 cm



Dräger CPS 7800 Olive Drab (configurator)

Zipper: With external metal parts plus cover flap with hook-and-loop fasteners closing from left shoulder to right hip

Weight: Approx. 3.5 kg with face cuff and socks (without ventilation system), Approx. 6.5 kg with integrated mask and boots (without ventilation system)

The following price list is for the configurator of the Dräger CPS 7800. The price of the final product is the sum of the components list prices which will be part of the final product.

Components with specific part numbers are not part of the configurator and need to be ordered separately. Please choose your best optimized version.



	R29700	901	1
Color			
Olive Drab			

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
Dräger CPS 7800 Basic Suit			
Dräger CPS 7800 Basic Suit, size S			1
Dräger CPS 7800 Basic Suit, size M			1
Dräger CPS 7800 Basic Suit, size L			1
Dräger CPS 7800 Basic Suit, size XL			1
Dräger CPS 7800 Basic Suit, size XXL			1
Integrated Safety Boots			
Boots Nitril-P, size 43 (UK size 9)			1
Boots Nitril-P, size 44 (UK size 9.5)			1
Boots Nitril-P, size 45 (UK size 10.5)			1
Boots Nitril-P, size 46/47 (UK size 11.5)			1
Boots Nitril-P, size 48 (UK size 12.5)			1
Boots Nitril-P, size 49/50 (UK size 14)			1
<p>Instead of integrated boots gastight socks can be fitted. Please order boots separately for suit with socks. Different boots could be found in the price list "Safety Boots"</p>			
Socks, size 41-44 (UK size 7.5 – 9.5) with cover			1
Socks, size 44-47 (UK size 9.5 – 12) with cover			1
Socks, size 47-50 (UK size 12 – 14) with cover			1
Integrated protective gloves			
Gloves FKM/Butyl, size 9			1
Gloves FKM/Butyl, size 10			1
Gloves FKM/Butyl, size 11			1
(optional Tricotril overglove)			
Glove comb. Laminate glove / Tricotril, size 10			1
Glove comb. Laminate glove / Tricotril, size 11			1

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
Accessories Gloves			
Overgloves Tricotril, size 10 (pair)			1
Overgloves Tricotril, size 11 (pair)			1
Cotton gloves (Pair)			1
Face Connection			
Face Cuff (Gas-Tight) For adaptation of a separate full-face mask			1
Mask Panorama Nova P-Triplex Assembled in CPS, material: butyl-mix, Positive pressure plug-in connector			1
Mask Panorama Nova RA-Triplex Assembled in CPS, material: butyl-mix Normal pressure thread connector			1
Mask Panorama Nova PE-Triplex Assembled in CPS, material: butyl-mix Standard connector M45x3			1
Mask Panorama Nova ESA-Triplex Assembled in CPS, material: butyl-mix Positive pressure-quick-connector			1
Accessories for Ventilation			
Regulation Valve PT 120 L (pass-through for cooling and breathing)			1
Set Ventilation Loops (for later fitting of RV PT 120L)			1
Accessories for pass-throughs			
Automatic Switch-Over Valve (digital) for PSS 7000/5000/3000 and AirBoss	3357007	519	1
Automatic Switch-Over Valve (digital) for PAS and other PSS	3354568	519	1
Extension hose LDV	3351378	516	1
Pressure Hose (250 mm)	R55756	975	1
Suspenders			
Suspenders (already assembled)			1
Transport & Storage			
Transport bag			1
CPS Storage and Transportation Bag			1
Transport box (stackable)			1

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
Customized marking			
For further information regarding customer specific markings please refer to our pricelist "Customer Specific Marking".			
Spare Parts			
For the spare parts please refer to our spare parts list(s) which you receive on request:			
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CPS 7800 Olive Drab	E 2535.740		

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
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CPS 6900

The CPS 6900 is a fully encapsulating gastight chemical protective suit. It protects the wearer and his PPE from gaseous, liquid, aerosol and solid chemicals. The light and flexible Umex material makes it ideal for the application with cryogenic substances like e.g. liquified gases. It shows a good resistance against low concentrated acids and bases. The suit can be configured according to customer specifications.

Approvals:

- EN 943-1
- EN 1073-1
- EN ISO 13688
- EN 14126
- EN 14593-1
- EN 14594
- ISO 16602
- SOLAS

The suits are available in the following sizes:

- S: for heights from 150 cm up to 165 cm
- M: for heights from 160 cm up to 175 cm
- L: for heights from 170 cm up to 185 cm
- XL: for heights from 180 cm up to 200 cm
- XXL: for heights from 195 cm up to 210 cm



Dräger CPS 6900 (fixed part number)

The Dräger CPS 6900 is also offered with fixed part numbers.

The suits are configured as follows: Color red, safety boots PVC, Butyl gloves, one pair cotton gloves separately enclosed, weight approx. 8.0 kg. The CPS storage and transportation bag is included as well. **Notice: There is no possibility for customized marking of the suits.**



Dräger CPS 6900 size L, boots size 43, Butyl gloves size 10	R62023	551	1
Dräger CPS 6900 size XL, boots size 46, Butyl gloves size 11	R62024	551	1

Dräger CPS 6900 (configurator)

Large panorama visor. Gloves and safety boots are fixed exchangeable but chemically tight.

- Color: red
- Weight: approx. 6.8 kg (without ventilation system)

The following price list is for the configurator of the CPS 6900. The price of the final product is the sum of the components list prices which will be part of the final product. Components with specific part numbers are not part of the configurator and need to be ordered separately. Please choose your best optimized version.

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
CPS 6900 Basic suit			
	R29410	551	
CPS 6900 Basic suit, size S			1
CPS 6900 Basic suit, size M			1
CPS 6900 Basic suit, size L			1
CPS 6900 Basic suit, size XL			1
CPS 6900 Basic suit, size XXL			1
Integrated Safety Boots			
Boots Nitril-P, size 43 (UK size 9)			1
Boots Nitril-P, size 44 (UK size 9.5)			1
Boots Nitril-P, size 45 (UK size 10.5)			1
Boots Nitril-P, size 46/47 (UK size 11.5)			1
Boots Nitril-P, size 48 (UK size 13)			1
Boots Nitril-P, size 49/50 (UK size 14)			1
Boots PVC			
Boots PVC, size 43 (UK size 9)			1
Boots PVC, size 44 (UK size 9.5)			1
Boots PVC, size 45 (UK size 10.5)			1
Boots PVC, size 46 (UK size 11.5)			1
Boots PVC, size 47/48 (UK size 13)			1
Instead of integrated boots gastight socks can be fitted. Please order boots separately for suit with socks. Different boots could be found in the price list "Safety Boots"			
Socks			
Socks, size 41-44 (UK size 7.5 – 9.5) with cover			1
Socks, size 44-47 (UK size 9.5 – 12) with cover			1
Socks, size 47-50 (UK size 12 – 14) with cover			1
Integrated protective gloves			
Gloves Butyl, size 9			1
Gloves Butyl, size 10			1
Gloves Butyl, size 11			1
(optional Tricotril overglove)			

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
Gloves FKM, size 9			1
Gloves FKM, size 10			1
Gloves FKM, size 11			1
(optional Tricotril overglove)			
Gloves FKM/Butyl, Size 9			1
Gloves FKM/Butyl, Size 10			1
Gloves FKM/Butyl, Size 11			1
(optional Tricotril overglove)			
Glove Combination:			
Glove comb. Laminate glove / Tricotril, Size 10			1
Glove comb. Laminate glove / Tricotril, Size 11			1
Accessories Gloves			
Overgloves Tricotril, Size 10 (pair)			1
Overgloves Tricotril, Size 11 (pair)			1
Cotton gloves (pair)			1
External Air Supply and Cooling			
Regulation Valve PT 120 pass-through for cooling and breathing			1
Air-Connect pass-through for breathing only			1
Accessories for Pass-Through			
Y-Piece – Switch-Over Valve (analog)			1
Automatic Switch-Over Valve (digital) for PSS 7000/5000/3000 and PSS AirBoss	3357007	519	1
Automatic Switch-Over Valve (digital) for PAS and other PSS	3354568	519	1
Adapter Male to Female Coupling to connect LDV or any male SCBA coupling			1
Adapter Male to Male Coupling to connect any female SCBA coupling			1

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
Accessories for visor			
Outer visor (set of 10)			1
Anti-Fog-Visor			1
Other accessories			
Height Adjustment			1
Adaptation for gas meters, tools etc.			
D-Connect on left hip - fitting for gas meters, tools, ropes etc.			1
D-Connect on right hip - fitting for gas meters, tools, ropes etc.			1
Accessories for transport			
CPS Storage and Transportation Bag			1
Transport box (stackable)			1
Accessories for backpack			
Backpack pad			1
Customized marking			
For further information regarding customer specific markings please refer to our pricelist "Customer Specific Marking"			
Spare Parts			
For spare parts please refer to our spare parts list(s) which you receive on request:			
Dräger CPS 6900		E 2535.690	

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
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Dräger CPS 6800

The CPS 6800 is a type 1b gastight chemical protective suit. It protects the wearer from gaseous, liquid, aerosol and solid chemicals. The light and flexible Umex material makes it ideal for the application with cryogenic substances like e.g. liquified gases. It shows a good resistance against low concentrated acids and bases. The suit can be configured according to customer specifications.

Approvals:

- EN 943-1
- EN 1073-1
- EN ISO 13688
- EN 14126
- EN 14593-1
- EN 14594
- ISO 16602
- SOLAS

The suits are available in the following sizes:

- S: for heights from 150 cm up to 165 cm
- M: for heights from 160 cm up to 175 cm
- L: for heights from 170 cm up to 185 cm
- XL: for heights from 180 cm up to 195 cm
- XXL: for heights from 190 cm up to 205 cm



Dräger CPS 6800 (fixed part number)

The Dräger CPS 6800 is also offered with fixed part numbers.

The suits are configured as follows: Color red, face cuff, safety boots PVC, Butyl gloves, one pair cotton gloves separately enclosed, weight approx. 5.4 kg. The CPS storage and transportation bag is included as well. **Notice: There is no possibility for customized marking of the suits.**



Dräger CPS 6800 size L, boots size 43, Butyl glove size 10	R62021	911	1
Dräger CPS 6800 size XL, boots size 46, Butyl glove size 11	R62022	911	1

Dräger CPS 6800 (configurator)

Gloves and safety boots are fixed chemically tight but exchangeable at the suit. Ideal for uses against chlorine or low concentrated acids and alkali's.

- Colour: red
- Weight: Approx. 5.4 kg with face cuff and boots (without ventilation system),
Approx. 6.0 kg with integrated mask and boots (without ventilation system)

The following price list is for the configurator of the CPS 6800.

The price of the final product is the sum of the components list prices which will be part of the final product. Components with specific part numbers are not part of the configurator and need to be ordered separately. Please choose your best optimized version.

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
Dräger CPS 6800 Basic Suit			
	R29460	911	
Dräger CPS 6800 Basic suit, size S			1
Dräger CPS 6800 Basic suit, size M			1
Dräger CPS 6800 Basic suit, size L			1
Dräger CPS 6800 Basic suit, size XL			1
Dräger CPS 6800 Basic suit, size XXL			1
Integrated Safety Boots			
Boots PVC, size 43 (UK size 9)			1
Boots PVC, size 44 (UK size 9.5)			1
Boots PVC, size 45 (UK size 10.5)			1
Boots PVC, size 46 (UK size 11.5)			1
Boots PVC, size 47/48 (UK size 13)			1
Boots Nitril-P, size 43 (UK size 9)			1
Boots Nitril-P, size 44 (UK size 9.5)			1
Boots Nitril-P, size 45 (UK size 10.5)			1
Boots Nitril-P, size 46/47 (UK size 11.5)			1
Boots Nitril-P, size 48 (UK size 13)			1
Boots Nitril-P, size 49/50 (UK size 14)			1
Instead of integrated boots gastight socks can be fitted. Please order boots separately for suit with socks. Different boots could be found in the price list "Safety Boots"			
Socks, size 41-44 (UK size 7.5 – 9.5) with cover			1
Socks, size 44-47 (UK size 9.5 – 12) with cover			1
Socks, size 47-50 (UK size 12 – 14) with cover			1

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
Integrated protective gloves			
Gloves Butyl, size 9			1
Gloves Butyl, size 10			1
Gloves Butyl, size 11			1
(optional Tricotril overglove)			
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Gloves FKM, Size 9			1
Gloves FKM, Size 10			1
Gloves FKM, Size 11			1
(optional Tricotril overglove)			
<hr/>			
Gloves FKM/Butyl, Size 9			1
Gloves FKM/Butyl, Size 10			1
Gloves FKM/Butyl, Size 11			1
(optional Tricotril overglove)			
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EN-glove combination:			
Glove comb. Laminate glove / Tricotril, Size 10			1
Glove comb. Laminate glove / Tricotril, Size 11			1
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Accessories Gloves			
Overgloves Tricotril, Size 10 (pair)			1
Overgloves Tricotril, Size 11 (pair)			1
Cotton gloves (pair)			1

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
Masks			
Face cuff (gas-tight) For adaptation of a separate full face mask certified to DIN EN 943-1:2002			1
Mask Panorama Nova P-Triplex Assembled in CPS, material: butyl-mix, positive pressure plug-in connector			1
Mask Panorama Nova RA-Triplex Assembled in CPS, material: butyl-mix, normal pressure thread connector			1
Mask Panorama Nova PE-Triplex Assembled in CPS, material: butyl-mix, standard connector M45x3			1
Mask Panorama Nova ESA-Triplex Assembled in CPS, material: butyl-mix, positive pressure-quick-connector			1
Suspenders			
Suspenders (already assembled)			1
Ventilation			
Regulation valve RV PT 120 L (pass through for cooling and breathing)			1
Set Ventilation Loops (for preparation of later fitting of RV PT 120L)			1
Accessories for pass-throughs			
Automatic Switch-Over Valve (digital) for PSS 7000/5000/3000 and AirBoss	3357007	519	1
Automatic Switch-Over Valve (digital) for PAS and other PSS	3354568	519	1
Extension hose LDV	3351378	516	1
Pressure Hose (250 mm)	R55756	975	1
Transport and Storage			
Transport bag			1
CPS Storage and Transportation Bag			1
Transport box (stackable)			1
Customized-Marking			
For further information regarding customer specific markings please refer to our pricelist "Customer Specific Marking"			
Spare Parts			
For the spare parts please refer to our spare parts list(s) which you receive on request:			
Dräger CPS 6800	E 2535.680		

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
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Training Suits

Dräger CPS 6900/7900 Training

The Dräger CPS 6900/7900 Training is a training suit for the Dräger CPS 6900 and CPS 7900. It is not gas-tight and does not offer any kind of protection. The training suit is only suitable for training exercises without real hazardous materials.

A wide range of accessories is available to customize the CPS 6900/7900 Training to meet your specific needs and requirements. Including pressure gauge holder, height adjustment, anti-fog visor and D-Connect.

The suits are available in the following sizes:

- S: for body height from 150 cm up to 165 cm
- M: for body height from 160 cm up to 175 cm
- L: for body height from 170 cm up to 185 cm
- XL: for body height from 180 cm up to 200 cm
- XXL: for body height from 195 cm up to 210 cm



Dräger CPS 6900/7900 Training

The following price list is for the configurator of the Dräger CPS 6900/7900 Training. The price of the final product is the sum of the components list prices which will be part of the final product. Components with specific part numbers are not part of the configurator and need to be ordered separately. Please choose your best optimized version.



Dräger CPS 6900/7900 Training (configurator)	R29511	551	
Dräger CPS 6900/7900 Training Basic Suit			
Dräger CPS 6900/7900 Training Basic Suit, size S			1
Dräger CPS 6900/7900 Training Basic Suit, size M			1
Dräger CPS 6900/7900 Training Basic Suit, size L			1
Dräger CPS 6900/7900 Training Basic Suit, size XL			1
Dräger CPS 6900/7900 Training Basic Suit, size XXL			1
Zipper			
Closing at top (bottom up)			1
Closing at bottom (top down)			1
Cover flap for zipper			
Single flap with hook-and-loop fastener (for training suit for CPS 7900)			1
Single flap with buttons (for training suit for CPS 7900)			1
Without flap (for training suit for CPS 6900)			1

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
Integrated safety boots or gas-tight socks			
Boots PVC, size 43 (UK size 9)			1
Boots PVC, size 44 (UK size 9.5)			1
Boots PVC, size 45 (UK size 10.5)			1
Boots PVC, size 46 (UK size 11)			1
Boots PVC, size 47/48 (UK size 12)			1
Instead of integrated boots gastight socks can be fitted. Please order boots separately for suit with socks. Different boots could be found in the price list "Safety Boots"			
Integrated protective gloves			
Socks, size 41-44 (UK size 7.5 – 9.5) with cover			1
Socks, size 44-47 (UK size 9.5 – 12) with cover			1
Socks, size 47-50 (UK size 12 – 14) with cover			1
Integrated protective gloves			
Gloves Butyl, size 9			1
Gloves Butyl, size 10			1
Gloves Butyl, size 11			1
(optional Tricotril overglove)			
Glove comb. Laminate glove / Tricotril, size 10			
Glove comb. Laminate glove / Tricotril, size 10			1
Glove comb. Laminate glove / Tricotril, size 11			1
Glove comb. Laminate glove / Butyl, size 9			
Glove comb. Laminate glove / Butyl, size 9			1
Glove comb. Laminate glove / Butyl, size 10			1
Glove comb. Laminate glove / Butyl, size 11			1
Accessories Gloves			
Overgloves Tricotril, size 10 (pair)			1
Overgloves Tricotril, size 11 (pair)			1
Cotton gloves (Pair)			1

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
Diverse Accessories			
Anti-fog visor			1
Pressure Gauge Holder			1
Height Adjustment			1
Backpack pad			1
Accessories for External air supply and cooling			
Regulation valve PT 120 L Pass-through for cooling and breathing			1
Air-Connect Pass-through for breathing only			1
Accessories for Pass-Through			
Y-Piece – Switch-Over Valve (analog)			1
Automatic Switch-Over Valve (digital) for PSS 7000/5000/3000 and AirBoss	3357007	519	1
Automatic Switch-Over Valve (digital) for PAS and other PSS	3354568	519	1
Adapter Male to Female Coupling to connect LDV or any male SCBA coupling			1
Adapter Male to Male Coupling to connect any female SCBA coupling			1
Adaptation for Gas Meters, Tools etc.			
D-Connect on left Hip - fitting for gas meters, tools, ropes etc.			1
D-Connect on right Hip - fitting for gas meters, tools, ropes etc.			1
Transport & Storage			
CPS Storage and Transportation Bag			1
Transport box (stackable)			1
Customized marking			
For further information regarding customer specific markings please refer to our pricelist "Customer Specific Marking"			
Spare Parts			
Please refer to our spare parts list(s) which you receive on request:			
CPS 6900/7900 Training	E2535.756		

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
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Training suits

Dräger CPS 6800/7800 Training

The Dräger CPS 6800/7800 Training is a training suit for the Dräger CPS 6800 and CPS 7800.

The training suit is not gas-tight, the seams are not welded, so that the suit does not offer any protection. It is only suitable for training exercises without real hazardous substances. The suit is distinguishable from the Dräger CPS 6800 and CPS 7800 because of the other material (blue Umex) and it is clear marked as a training suit.

The suits are available in the following sizes:

- S: for body height from 150 cm up to 165 cm
- M: for body height from 160 cm up to 175 cm
- L: for body height from 170 cm up to 185 cm
- XL: for body height from 180 cm up to 195 cm
- XXL: for body height from 190 cm up to 205 cm



Dräger CPS 6800/7800 Training (configurator)

Zipper: With outside metal parts plus cover flap with hook-and-loop fastener fasteners closing from left shoulder to right hip.

Weight: Approx. 3.5 kg with face cuff and socks (without ventilation system), Approx. 6.5 kg with integrated mask and boots (without The following price list is for the configurator of the Dräger CPS 6800/7800 Training. The price of the final product is the sum of the components list prices which will be part of the final product. Components with specific part numbers are not part of the configurator and need to be ordered separately. Please choose your best optimized version.

	R29660	911	1
Dräger CPS 6800/7800 Training Basic Suit			
Dräger CPS 6800/7800 Training Basic suit, size S			1
Dräger CPS 6800/7800 Training Basic suit, size M			1
Dräger CPS 6800/7800 Training Basic suit, size L			1
Dräger CPS 6800/7800 Training Basic suit, size XL			1
Dräger CPS 6800/7800 Training Basic suit, size XXL			1
Dräger CPS 6800/7800 Training Basic Suit			
Single flap with hook-and-loop fastener (for training suit for CPS 7800)			1
Without flap (for training suit for CPS 6800)			1

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
Integrated Safety Boots			
Boots PVC, size 43 (UK size 9)			1
Boots PVC, size 44 (UK size 9.5)			1
Boots PVC, size 45 (UK size 10.5)			1
Boots PVC, size 46 (UK size 11.5)			1
Boots PVC, size 47/48 (UK size 14)			1
<p>Instead of integrated boots gastight socks can be fitted. Please order boots separately for suit with socks. Different boots could be found in the price list "Safety Boots"</p>			
Integrated protective gloves			
Socks, size 41-44 (UK size 7.5 – 9.5) with cover			1
Socks, size 44-47 (UK size 9.5 – 12) with cover			1
Socks, size 47-50 (UK size 12 – 14) with cover			1
Integrated protective gloves			
Gloves Butyl, size 9			1
Gloves Butyl, size 10			1
Gloves Butyl, size 11			1
(optional Tricotril overglove)			
Glove comb. Laminate glove / Tricotril, size 10			
Glove comb. Laminate glove / Tricotril, size 10			1
Glove comb. Laminate glove / Tricotril, size 11			1
Accessories Gloves			
Overgloves Tricotril, size 10 (pair)			1
Overgloves Tricotril, size 11 (pair)			1
Cotton gloves (pair)			1

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
Face Connection			
Face cuff (gas-tight) For adaptation of a separate full face mask certified to DIN EN 943-2:2002 (ET)			1
Mask Panorama Nova P-Triplex Assembled in CPS, material: butyl-mix, positive pressure plug-in connector			1
Mask Panorama Nova RA-Triplex Assembled in CPS, material: butyl-mix, normal pressure thread connector			1
Mask Panorama Nova PE-Triplex Assembled in CPS, material: butyl-mix, standard connector M45x3			1
Mask Panorama Nova ESA-Triplex Assembled in CPS, material: butyl-mix, positive pressure-quick-connector			1
Accessories for Ventilation			
Regulation valve RV PT 120 L (pass through for cooling and breathing)			1
Set Ventilation Loops (for preparation of later fitting of RV PT 120L)			1
Accessories for pass-throughs			
Automatic Switch-Over Valve (digital) for PSS 7000/5000/3000 and AirBoss	3357007	519	1
Automatic Switch-Over Valve (digital) for PAS and other PSS	3354568	519	1
Extension hose LDV	3351378	516	1
Pressure Hose (250 mm)	R55756	975	1
Suspenders			
Suspenders (already assembled)			1
Transport and Storage			
Transport bag			1
CPS Storage and Transportation Bag			1
Transport box (stackable)			1
Customized marking			
For further information regarding customer specific markings please refer to our pricelist "Customer Specific Marking"			
Spare Parts			
For spare parts please refer to our spare parts list(s) which you receive on request:			
CPS 6800/7800 Training	E 2535.741		

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
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Dräger CPS 5900 and CPS 5900 PT

The Dräger CPS 5900 is the lightweight disposable gas-tight suit for hazmat incidents. If the pure protection against hazardous gases, liquids and particles has the highest priority it is the suit of choice. The Dräger design offers improved ergonomics and optimized compatibility with various types of personal protective equipment including latest breathing Apparatus', helmets and other PPE. Even working with two cylinders on your back or closed circuit breathing Apparatus' is possible.

Features:

Breathing apparatus and helmet are worn under the suit. The protective suit comes with a fixed glove combination (Laminate and Butyl glove) and gas-tight socks. The user needs to wear additional safety boots over the socks. The suits' zipper and the double cover flap are situated on the left front side. It is closed at the top.

The Dräger CPS 5900 PT is equipped with a Dräger Air-Connect. This enables the suit to be connected to an external air source. This way the wearer can be supplied with additional breathing air.

Approvals:

- NFPA 1990
- EN 943 part 1 & 2 (Type Ia)

The Dräger CPS 5900 is available in the following sizes:

- S: for body sizes of 150 cm to 165 cm
- M: for body sizes of 160 cm to 175 cm
- L: for body sizes of 170 cm to 185 cm
- XL: for body sizes of 180 cm to 200 cm
- XXL: for body sizes of 195 cm to 210 cm



Dräger CPS 5900

The Dräger CPS 5900 offers protection against solid, liquid and gaseous chemicals.

- Material: Zytron 500
- Color: orange
- Weight: approx. 3.0 kg
- It will be delivered in a transport bag



Dräger CPS 5900, size S	R57781	554	1
Dräger CPS 5900, size M	R57782	554	1
Dräger CPS 5900, size L	R57783	554	1
Dräger CPS 5900, size XL	R57784	554	1
Dräger CPS 5900, size XXL	R57785	554	1

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
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Dräger CPS 5900 PT

Dräger CPS 5900 equipped with Dräger Air-Connect

- Material: Zytron 500
- Color: Orange
- Weight: Approx. 3.5 kg
- It will be delivered in a transport bag



Dräger CPS 5900 PT, size S	R57984	554	1
Dräger CPS 5900 PT, size M	R57957	554	1
Dräger CPS 5900 PT, size L	R57958	554	1
Dräger CPS 5900 PT, size XL	R57959	554	1
Dräger CPS 5900 PT, size XXL	R57960	554	1

Dräger CPS 5900 Training

The Dräger CPS 5900 Training is a training suit for the Dräger CPS 5900. It is not gas-tight and does not offer any kind of protection. The training suit only is suitable for training exercises without real hazardous materials.



Dräger CPS 5900 Training, size S	R58671	554	1
Dräger CPS 5900 Training, size M	R58672	554	1
Dräger CPS 5900 Training, size L	R58673	554	1
Dräger CPS 5900 Training, size XL	R58674	554	1
Dräger CPS 5900 Training, size XXL	R58675	554	1

Spare Parts

Please refer to our spare parts list(s) which you receive on request:

CPS 5900	2538.210
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Zytron is a registered brand of Kappler, Inc.

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
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Dräger CPS 5800

Gas-tight protective suit against solid, liquid and aerosol chemicals for limited use. One-piece gas-tight protective suit with flexible Dräger face cuff. The mask is worn on the face cuff. The suit is equipped with a glove combination (Laminate- and Butyl-glove) and has attached socks with boot flaps.

The user has to wear additionally suitable protective boots. The zipper is placed on the front side and runs diagonally from the left shoulder to the right leg. The zipper closes downwards. The Pressure relief valve is positioned on the front side for discharging air.

The suit is designed to be worn together with a full face mask and filter a compressed air breathing Apparatus, a PAPR unit or external airline system.

Approvals:

- EN 943 part 1 & 2 (Type 1b)

The suits are available in the following sizes:

- M: for body sizes 160 cm up to 175 cm
- L: for body sizes 170 cm up to 185 cm
- XL: for body sizes 180 cm up to 190 cm
- XXL: for body sizes 185 cm up to 200 cm



Dräger CPS 5800

The Dräger CPS 5800 offers limited use against solid, liquid and aerosol chemicals.

- Material: Zytron 500
- Color: orange
- Dräger face cuff
- Weight of the suit: approx. 2.2 kg
- Glove combination (laminate and Butyl glove)
- Socks out of suit material with boot flaps
- Zipper diagonal at the front

Will be delivered in a transport bag

Dräger CPS 5800, size M	R57787	554	1
Dräger CPS 5800, size L	R57788	554	1
Dräger CPS 5800, size XL	R57789	554	1
Dräger CPS 5800, size XXL	R57790	554	1

Zytron® is a registered brand of Kappler Inc.

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
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Dräger SPC 2400 – Reusable Splash Tight Suits

Reusable protection overalls against solid and liquid chemicals. The overalls are CE certified and classified as chemical protection types 3 and 4.

One-piece splash-proof overall with hood and with elasticated ends and cuffs at the sleeves. The zip fastener runs vertically on the front of the overall and is protected by cover made of suit material.



Dräger SPC 2400 Flexothane®

The Dräger SPC 2400 Flexothane is an overall with hood for protection against solid and liquid chemicals, approved to type 4.

Material permeable to water vapour with high wearing comfort.

Zip fastener with cover flap made of suit material.

Ideal for work with oils, lubricants, gasoline, Diesel, etc.

- Colour: red / blue
- Weight: approx. 0.7 kg
- Approved according to EN 14605 (Type 4), EN 343

Dräger SPC 2400 (Flexothane), size M (164 – 182cm)	R54522	556	1
Dräger SPC 2400 (Flexothane), size L (170 – 188cm)	R54523	556	1
Dräger SPC 2400 (Flexothane), size XL (170 – 188cm)	R54524	556	1
Dräger SPC 2400 (Flexothane), size XXL (176 – 194cm)	R54998	556	1

Flexothane® is a registered trademark of SIOEN N.V.

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
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Dräger SPC 2400 PVC Lakeland

The Dräger SPC 2400 PVC Lakeland is an overall with hood for protection against solid and liquid chemicals, approved to EN 14605 type 3 and 4. Fabric supported PVC-material, very sturdy. Especially liquid tight due to special design of covers at hood and zip fastener.

Ideal e.g. for work with high pressure cleaning equipment, etc.

- Colour: yellow
- Weight: approx. 1 kg
- Approved according to EN 14605 (Type 3 & 4), EN 1149-5
- Manufactured by Lakeland



Dräger SPC 2400, size S (164 – 170cm)	3711618	556	1
Dräger SPC 2400, size M (170 – 176cm)	3711619	556	1
Dräger SPC 2400, size L (176 – 182cm)	3711620	556	1
Dräger SPC 2400, size XL (182 – 188cm)	3711621	556	1
Dräger SPC 2400, size XXL (189 – 194cm)	3711622	556	1
Dräger SPC 2400, size XXXL (194 – 200cm)	3711623	556	1

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
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Dräger SPC 4400

The ideal protective suit for simple tasks. The coverall offers optimal protection against ultrafine dusts and powders, many concentrated inorganic acids and alkalis and is especially resistant against a broad range of organic chemicals in liquid form. The one-piece overalls are available in two different materials (CPM and CLF). The ends of the hood, sleeves and legs are fitted with an elastic band and a thumb loop. The zip runs along the centre of the front and it is fitted with two cover panels.

Approvals:

- EN 14605 (EU-requirements for protective clothing type 3 and 4)
- EN ISO 13982-1 (EU-requirements for protective clothing type 5)
- EN 13034 (EU-requirements for protective clothing type 6)
- EN 1073-2, class 1 (EU-requirements for protective clothing against radioactive contamination)
- EN 1149 (EU-requirements for protective clothing – electrostatic properties)
- EN 14126 (EU-requirements for protective clothing against infectious agents)
- ISO 16602 (International requirements for protective clothing)

The overalls are available in following sizes:

- S: for body sizes from 162 cm up to 170 cm
- M: for body sizes from 168 cm up to 176 cm
- L: for body sizes from 174 cm up to 182 cm
- XL: for body sizes from 180 cm up to 188 cm
- XXL: for body sizes from 186 cm up to 194 cm
- XXXL: for body sizes from 192 cm up to 200 cm

Dräger SPC 4400 CPM

The Dräger SPC 4400 coverall is made of soft CPM material, very lightweight and comfortable to work with. The zip runs along the centre of the front and it is fitted with two cover panels, including adhesive strips. The yellow suit is designed for single use.

Configuration:

- Material: CPM
- Colour: yellow
- Hood, arm and leg with elastic ends
- Thumb loop
- Zipper with double flap on the front including adhesive strips
- Single use



Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
Dräger SPC 4400, size S, yellow (CPM)	R63547	559	1
Dräger SPC 4400 size M, yellow (CPM)	R63548	559	1
Dräger SPC 4400 size L, yellow (CPM)	R63549	559	1
Dräger SPC 4400 size XL, yellow (CPM)	R63550	559	1
Dräger SPC 4400 size XXL, yellow (CPM)	R63551	559	1
Dräger SPC 4400 size XXXL, yellow (CPM)	R63552	559	1

Dräger SPC 4400 CLF, orange or olive

The Dräger SPC 4400 coverall is made of soft CLF material, lightweight and comfortable to work with. The zip runs along the centre of the front is fitted with hook-and-loop fasteners. The orange suit is designed for limited use.

Configuration:

- Material: CLF
- Colour: orange or olive
- Hood, arm and leg with elastic ends
- Thumb loop
- Zipper with double flap on the front with hook-and-loop fasteners
- Limited use



Dräger SPC 4400, size S, orange (CLF)	R63553	559	1
Dräger SPC 4400 size M, orange (CLF)	R63554	559	1
Dräger SPC 4400 size L, orange (CLF)	R63555	559	1
Dräger SPC 4400 size XL, orange (CLF)	R63556	559	1
Dräger SPC 4400 size XXL, orange (CLF)	R63557	559	1
Dräger SPC 4400 size XXXL, orange (CLF)	R63558	559	1

Dräger SPC 4400, size S, olive (CLF)	3705664	559	1
Dräger SPC 4400, size M, olive (CLF)	3705665	559	1
Dräger SPC 4400, size L, olive (CLF)	3705666	559	1
Dräger SPC 4400, size XL, olive (CLF)	3705667	559	1
Dräger SPC 4400, size XXL, olive (CLF)	3705668	559	1
Dräger SPC 4400, size XXXL, olive (CLF)	3705669	559	1

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
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SPC 4400 CLF with socks and arm cuffs:

Configuration:

- Material: CLF
- Colour: orange
- Hood, arm and leg with elastic ends
- Arms with arm cuffs and velcor
- Thumb loop
- Zipper with double flap on the front with hook-and-loop fasteners
- Limited use

SPC 4400, sz. XS with socks, orange (CLF)	3722056	559	1
SPC 4400, sz. S with socks, orange (CLF)	3722055	559	1
SPC 4400, sz. M with socks, orange (CLF)	3722054	559	1
SPC 4400, sz. L with socks, orange (CLF)	3722053	559	1
SPC 4400, sz. XL with socks, orange (CLF)	3722052	559	1
SPC 4400, sz. XXL with socks, orange (CLF)	3722051	559	1
SPC 4400, sz. XXXL with socks, orange (CLF)	3722050	559	1

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
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Constantly Ventilated Protective Suits and Airline System Dräger Splash Protective Suit SPC 4700 Dräger Ventilation Vest CVA 0700

The Dräger CVA 0700 and SPC 4700 are designed for industrial applications and provide comfortable and reliable respiratory and body protection. With features such as the patented safe-flow reducer and auto-test function, wearers can enjoy greater operating convenience, safety and flexibility.

The limited use suit SPC 4700 is extremely light weight and provides protection against various liquids and dust hazards. The easy to use ventilation vest CVA 0700 provides breathing air to the wearer whilst providing additional cooling air to the torso for ultimate comfort. The system constantly ventilated protective suit with a compressed airline apparatus consists of different system components which must to be ordered separately. The suit in combination with the vest will protect you even in explosive areas. The system can be used in zones 0,1,2 (IIA/IIB/IIC) as well as 20, 21, 22 (IIIA/IIIB/IIIC).



A complete system consists of at least:

- Protective suit SPC 4700
- Ventilation vest CVA 0700
- Air supply vest and connecting hose (blue)
- Air supply manifold X-plore 9310 and waistbelt

Optional additional system components are:

- PAS MAC compressors
- PAS Airline hoses
- PAS Filter (for use with customer's own external air supply)

All versions are supplied as standard with the Dräger CEJN input connector.

Approvals Protective Suit SPC 4700:

- EN 14605 (EU-requirements for protective clothing type 3 and 4)
- EN ISO 13982-1 (EU-requirements for protective clothing type 5)
- EN 13034 (EU-requirements for protective clothing type 6)
- EN 1149-5 (EU-requirements for protective clothing – electrostatic properties)
- EN 14126 (EU-requirements for protective clothing against infectious agents)
- EN 1073-1, class 3 (EU-requirements for protective clothing against radioactive contamination)
- ISO 16602 (International requirements for protective clothing)

System Approval Protective Suit SPC 4700 combined with Ventilation Vest CVA 0700:

- EN 14594, class 4A (EU-requirements for respiratory protective devices and continuous flow compressed airline breathing apparatus)

The suits are available in the following sizes:

- S: for a body height from 162 cm up to 170 cm
- M: for a body height from 168 cm up to 176 cm
- L: for a body height from 174 cm up to 182 cm
- XL: for a body height from 180 cm up to 188 cm
- XXL: for a body height from 186 cm up to 194 cm
- XXXL: for a body height from 192 cm up to 200 cm

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
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Dräger SPC 4700 CLF

The one-piece splash protection suit for limited use offers optimal protection against ultra-fine dusts and powders, many concentrated inorganic acids and alkalis and is especially resistant against a broad range of organic chemicals in liquid form.

Configuration:

- Material: CLF
- Colour: orange or white
- Hood with panorama view
- Security escape flap below hood, marked in color
- Welded laminate gloves (Ansell AlphaTec 02-100) with arm cuff to cover shaft of over glove
- Socks made of suit material with anti-slip sole (SPC 4700 white shoes are worn inside the suit) or socks made of suit material with leg cuffs (SPC 4700 orange - boots are worn outside the suit)
- Socks are equipped with antistatic tape
- Zipper with double flap horizontal on backside
- Limited use



Dräger SPC 4700, size S, orange (CLF)	R63487	559	1
Dräger SPC 4700, size M, orange (CLF)	R63488	559	1
Dräger SPC 4700, size L, orange (CLF)	R63489	559	1
Dräger SPC 4700, size XL, orange (CLF)	R63490	559	1
Dräger SPC 4700, size XXL, orange (CLF)	R63491	559	1
Dräger SPC 4700, size XXXL, orange (CLF)	R63492	559	1
Dräger SPC 4700, size S, white (CLF)	3700598	559	1
Dräger SPC 4700, size M, white (CLF)	3700599	559	1
Dräger SPC 4700, size L, white (CLF)	3700600	559	1
Dräger SPC 4700, size XL, white (CLF)	3700601	559	1
Dräger SPC 4700, size XXL, white (CLF)	3700602	559	1
Dräger SPC 4700, size XXXL, white (CLF)	3700603	559	1

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
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Dräger SPC 4700 CPM

The one-piece splash protection suit for limited use offers optimal protection against ultra-fine dusts and powders, many concentrated inorganic acids and alkalis in liquid form and water-based salt solutions.

Configuration:

- Material: CPM
- Colour: yellow
- Hood with panorama view
- Security escape flap below hood, marked in color
- Welded Camatril® gloves
- Boot socks with leg cuffs (boots to be worn over the suit)
- Socks are equipped with antistatic tape
- Zipper with double flap horizontal on backside
- Limited use



Dräger SPC 4700, size S, yellow (CPM)	R63411	559	1
Dräger SPC 4700, size M, yellow (CPM)	R63412	559	1
Dräger SPC 4700, size L, yellow (CPM)	R63413	559	1
Dräger SPC 4700, size XL, yellow (CPM)	R63414	559	1
Dräger SPC 4700, size XXL, yellow (CPM)	R63415	559	1
Dräger SPC 4700, size XXXL, yellow (CPM)	R63416	559	1

Dräger CVA 0700

Complete air supply device including vest, air manifold and connecting hose. Approved to EN 14594 class 4A



Dräger CVA 0700 Complete system: Vest incl. connecting hose (3363603) and manifold incl. waistbelt (3363504)	3363602	559	1
Dräger CVA 0700 Vest Vest only incl. connecting hose (blue)	3363603	559	1
Dräger X-plore 9310 Air supply manifold incl. waistbelt	3363504	514	1
Chest belt extension	3700041	975	10
Inner Vest	3364751	559	1

Spare Parts

Please refer to our spare parts list which you receive on request:

CVA 0700 SPL 2538.195

Camatril® is a registered trademark of KCL. AlphaTec® is a registered trademark of Ansell.

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
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Dräger Ventilation Sets - Starter Set

Ventilation Set CPM yellow contains: - 1x CVA (3363602) - 5x splash protection suits SPC 4700 CPM sz. L (R63413) - 5x splash protection suits SPC 4700 CPM sz. XL (R63414)	3700987	559	1
Ventilation Set CLF orange contains: - 1x CVA (3363602) - 5x splash protection suits SPC 4700 CLF sz. L (R63489) - 5x splash protection suits SPC 4700 CLF sz. XL (R63490)	3700986	559	1
Ventilation Set CLF white contains: - 1x CVA (3363602) - 5x splash protection suits SPC 4700 CLF sz. L (3700600) - 5x splash protection suits SPC 4700 CLF sz. XL (3700601)	3700985	559	1

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
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Dräger SPC 4800

The Dräger SPC 4800 offers protection against many concentrated inorganic acids, bases and a wide range of organic chemicals in liquid form. The preconfigured suit is equipped with the Dräger soft face cuff, welded gloves, stitched socks with boot flaps and designed for limited use. The overall is designed for use together with a full-face mask and a BA-set, an outside airline system or a power assisted filtering devices.

Approvals:

- EN 14605 (EU-requirements for protective clothing type 3 and 4)
- EN ISO 13982-1 (EU-requirements for protective clothing type 5)
- EN 13034 (EU-requirements for protective clothing type 6)
- EN 1073-2, class I (EU-requirements for protective clothing against radioactive contamination)
- EN 1149-5 (EU-requirements for protective clothing
 - electrostatic properties)
- EN 14126 (EU-requirements for protective clothing against infectious agents)
- ISO 16602 (International standard for protective equipment)

The overalls are available in following sizes:

- S: for body sizes from 162 cm up to 170 cm
- M: for body sizes from 168 cm up to 176 cm
- L: for body sizes from 174 cm up to 182 cm
- XL: for body sizes from 180 cm up to 188 cm
- XXL: for body sizes from 186 cm up to 194 cm
- XXXL: for body sizes from 192 cm up to 200 cm



Dräger SPC 4800

The Dräger SPC 4800 protective suit is made of soft CLF material, lightweight and comfortable to work with. The SPC 4800 features an extra soft face cuff and is equipped with attached Butyl gloves.

Configuration:

- Material: CLF
- Colour: orange
- Hood with a soft face cuff (mask can be worn over or underneath the face cuff)
- Welded Butyl gloves
- Socks made of suit material with a leg cuff
- Zipper with double flap horizontal on backside
- Limited use



Dräger SPC 4800, size S, orange (CLF)	R63493	559	1
Dräger SPC 4800, size M, orange (CLF)	R63494	559	1
Dräger SPC 4800, size L, orange (CLF)	R63495	559	1
Dräger SPC 4800, size XL, orange (CLF)	R63496	559	1
Dräger SPC 4800, size XXL, orange (CLF)	R63497	559	1
Dräger SPC 4800, size XXXL, orange (CLF)	R63498	559	1

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
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Dräger SPC 4800, ESD version

The Dräger SPC 4800 protective suit is made of soft CLF material, lightweight and comfortable to work with. The SPC 4800 features an extra soft face cuff and is equipped with attached laminate gloves and arm cuffs. The socks have specially designed integrated antistatic polymer which improve conductivity.

In combination with Tricotril overgloves and EDS boots, the system is approved for use in dedicated ex-zones (1,2 (IIA/IIB/IIC), 0 (IIA/IIB) as well as 20, 21, 22 (IIIA/IIIB/IIIC).

Configuration:

- Material: CLF
- Colour: orange or olive
- Hood with a soft face cuff (mask can be worn over or underneath the face cuff)
- Welded laminate gloves (Ansell AlphaTec® 02-100) with arm cuff to cover shaft of over glove
- Socks made of suit material with a leg cuff
- Zipper with double flap horizontal on backside
- Limited use



Dräger SPC 4800, size S, orange (CLF), ESD	R63417	559	1
Dräger SPC 4800, size M, orange (CLF), ESD	R63418	559	1
Dräger SPC 4800, size L, orange (CLF), ESD	R63419	559	1
Dräger SPC 4800, size XL, orange (CLF), ESD	R63420	559	1
Dräger SPC 4800, size XXL, orange (CLF), ESD	R63421	559	1
Dräger SPC 4800, size XXL, orange (CLF), ESD	R63422	559	1
Dräger SPC 4800, size S, olive (CLF), ESD	3702569	559	1
Dräger SPC 4800, size M, olive (CLF), ESD	3702568	559	1
Dräger SPC 4800, size L, olive (CLF), ESD	3702567	559	1
Dräger SPC 4800, size XL, olive (CLF), ESD	3702566	559	1
Dräger SPC 4800, size XXL, olive (CLF), ESD	3702565	559	1
Dräger SPC 4800, size XXXL, olive (CLF), ESD	3702564	559	1

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
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Dräger SPC 4900

The Dräger SPC 4900 offers protection against many concentrated inorganic acids, bases and a wide range of organic chemicals in liquid form. The preconfigured suit is equipped with an extra-large hood with a visor, backpack for optimal comfort, welded gloves, stitched socks with boot flaps. The suit is designed for limited use and for use with compressed air breathing apparatus worn inside the suit.

Approvals:

- EN 14605 (EU-requirements for protective clothing type 3 and 4)
- EN ISO 13982-1 (EU-requirements for protective clothing type 5)
- EN 13034 (EU-requirements for protective clothing type 6)
- EN 1073-2, class 3 (EU-requirements for protective clothing against radioactive contamination)
- EN 1149-5 (EU-requirements for protective clothing
 - electrostatic properties)
- EN 14126 (EU-requirements for protective clothing against infectious agents)
- ISO 16602 (International requirements for protective clothing)

The overalls are available in following sizes:

- S: for body sizes from 162 cm up to 170 cm
- M: for body sizes from 168 cm up to 176 cm
- L: for body sizes from 174 cm up to 182 cm
- XL: for body sizes from 180 cm up to 188 cm
- XXL: for body sizes from 186 cm up to 194 cm
- XXXL: for body sizes from 192 cm up to 200 cm

Configuration:

- Material: CLF
- Colour: orange
- Extra-large hood with a visor
- Backpack for optimal comfort
- Welded Butyl gloves
- Socks made of suit material with a leg cuff
- Zipper with double flap horizontal on backside
- Limited use



Dräger SPC 4900, size S, orange (CLF)	R63453	559	1
Dräger SPC 4900, size M, orange (CLF)	R63454	559	1
Dräger SPC 4900, size L, orange (CLF)	R63455	559	1
Dräger SPC 4900, size XL, orange (CLF)	R63456	559	1
Dräger SPC 4900, size XXL, orange (CLF)	R63457	559	1
Dräger SPC 4900, size XXXL, orange (CLF)	R63458	559	1

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
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Safety Gloves

The gloves are for the protection against solid and liquid chemicals. The mentioned prices are without the cost of assembly.



Chemical protection gloves

Glove combination – Laminate and Tricotril

Reliable combination of laminate gloves and Tricotril Kevlar overglove. Ideal for the use with extreme aggressive media as well as for cleaning work with hazardous substances and mechanical stress.



Glove comb. Laminate glove / Tricotril, size 10 (pair)	R63003	975	1
Glove comb. Laminate glove / Tricotril, size 11 (pair)	R63004	975	1

Glove combination – Laminate and Butyl

Reliable combination of laminate gloves and Butyl glove. Ideal for use with extreme aggressive media as well as cleaning work with hazardous substances.



Glove comb. Laminate glove / Butyl size 9 (pair)	R63008	975	1
Glove comb. Laminate glove / Butyl size 10 (pair)	R63009	975	1
Glove comb. Laminate glove / Butyl size 11 (pair)	R63010	975	1

FKM/Butyl Gloves

Ideal for the production of colors, laquers, plastics and adhesive substances, for sanitation of critical leavings of industry, cities and communities, for reconstruction of waste sites, for production and application of plant protective agents, etc.



Glove FKM/Butyl, size 9 (pair)	R55762	975	1
Glove FKM/Butyl, size 10 (pair)	R55531	975	1
Glove FKM/Butyl, size 11 (pair)	R55761	975	1

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
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FKM-Gloves

Ideal dealing with extremely aggressive materials, for Cleaning work, degreasing work etc. with dangerous substances without high mechanical requirements, for sanitation of abandoned polluted areas in dust tips, as equipment for fire brigades, etc.



Glove FKM, size 9 (pair)	R55537	975	1
Glove FKM, size 10 (pair)	R53776	975	1
Glove FKM, size 11 (pair)	R53554	975	1

Butyl - Gloves

Ideal for the production of colors, lacquers, plastics and aggressive substances, for sanitation of critical leavings of industry, cities and communities, for reconstruction of waste sites, for production and application of plant protective agents, etc.



Glove Butyl, size 9 (pair)	R55538	975	1
Glove Butyl, size 10 (pair)	R53531	975	1
Glove Butyl, size 11 (pair)	R53560	975	1

Cotton - Gloves

For a hygienic wear under the chemical protection gloves

Cotton glove (pair)	R50972	975	1
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Overgloves

Tricotril

Tricotril Overgloves made out of cut protective Para aramid (Kevlar) according to EN 388, category III, Level 3X42C, EN 374, category III, Level AJL Color: green Length: approx. 350 mm high cut protection, high mechanical resistance, sure grip due to palm profile



Overglove Tricotril, size 10 (pair)	R55968	975	1
Overglove Tricotril, size 11 (pair)	R55966	975	1
Rubber ring	R51358	595	1

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
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Cryo-LNG™ made by Tempshield™

protect hands and arms when working in hazardous, ultra-cold environments. Overgloves are designed to provide a high level of thermal protection and abrasion resistance for heavy-duty applications.



Cryo-LNG™ Glove, size 11	R63125	975	1
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Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
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Safety Boots

The boots are for the protection against solid and liquid chemicals.

The mentioned prices are without the cost of assembly.



Safety Boots

PVC – boots

Safety boots according to EN 20345 S5 ideal for drain and canal building, for working with oily parts, in the chemical and petrochemical industry, for work in clarifying plants and sewage systems, etc.



Boots PVC, size 43 (UK size 9)	R52653	975	1
Boots PVC, size 44 (UK size 9.5)	R55474	975	1
Boots PVC, size 45 (UK size 10.5)	R55477	975	1
Boots PVC, size 46 (UK size 11.5)	R52656	975	1
Boots PVC, size 47/48 (UK size 13)	R55413	975	1

ESD PVC – boots

Safety boots according to EN 20345 S5 SRA ideal for work in ATEX zones. ESD boots guarantee an extremely low electrical resistance under any conditions in order to prevent a strong, uncontrolled electrostatic discharge.

Boots ESD PVC, size 40 (UK size 6.5)	R62441	975	1
Boots ESD PVC, size 41 (UK size 7.5)	R62463	975	1
Boots ESD PVC, size 42 (UK size 8)	R62464	975	1
Boots ESD PVC, size 43 (UK size 9)	R62465	975	1
Boots ESD PVC, size 44 (UK size 9.5)	R62466	975	1
Boots ESD PVC, size 45 (UK size 10.5)	R62467	975	1
Boots ESD PVC, size 46 (UK size 11.5)	R62468	975	1
Boots ESD PVC, size 47 (UK size 12)	R62469	975	1
Boots ESD PVC, size 48 (UK size 13)	R62470	975	1

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
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Nitril boots

Specially for fire brigades.
Safety boots according to EN 20345 und 15090.
According to vfdb 0810



Boots Nitril-P, size 43 (UK size 9)	R56863	975	1
Boots Nitril-P, size 44 (UK size 9.5)	R56864	975	1
Boots Nitril-P, size 45 (UK size 10.5)	R56865	975	1
Boots Nitril-P, size 46/47 (UK size 11.5)	R56866	975	1
Boots Nitril-P, size 48 (UK size 13)	R56867	975	1
Boots Nitril-P, size 49/50 (UK size 14)	R56868	975	1

Boot cover

To slip in easily into the boots when wearing a suit with integrated socks. Made of Tyvek.



Boot cover	R61018	975	2
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Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
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External air supply And cooling system for Dräger CPS 7900 and CPS 6900

Beneath the obvious risks in a hazmat operation the CPS user faces further challenges. Some of these are the high temperature and air humidity inside the suit and the limited breathing air.

The Air-Connect enables him to supply himself with additional breathing air. The regulation valve PT 120 L enables him, to cool himself with three different flow rates and supply himself with additional breathing air from an external air source. This way he can fully concentrate on the really important things – his job and an efficient decontamination after the operation.

Existing chemical protective suits can be refitted with these systems. The mentioned list prices do not include the assembly work.



External air supply and cooling systems

Regulation valve PT 120 L (left picture)

Air-Connect (right picture)



Regulation Valve PT 120 L, for Dräger CPS 7900 and CPS 6900 (Pass- through for cooling and breathing) for all CPS x900	R55509	975	1
+ Set ventilation hanger for suit sizes S-M (necessary for R55509)	R57870	975	1
Set ventilation hanger for suit sizes L-XXL (necessary for R55509)	R58095	975	1
+ carrying belt	AL01211	592	1
+ snap hook	R55573	975	1
Air-Connect (Pass- through for breathing only) In this case the suit cannot be ventilated	R58075	975	1
+ carrying belt	AL01211	592	1

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
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Connection to breathing air circuit by Automatic Switch-over Valve (ASV) between suit and SCBA

Depending on the air pressure the suit is supplied with fresh air for ventilation and breathing by the BA-set or an external air source. If the pressure of the external air source is below 4 to 5 bar the BA-set provides breathing air for the user.

Automatic Switch-Over Valve (digital) for PSS 7000/5000/3000 and AirBoss	3357007	519	1
Automatic Switch-Over Valve (digital) for PAS and other PSS	3354568	519	1

Connection to breathing air circuit by Y-piece between suit and SCBA

Depending on the air pressure the suit is supplied with fresh air for ventilation and breathing by the BA-set and/or an external air source. If the external air source fails the BA-set provides fresh air for both functions.

Y-piece	R55507	975	1
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Connection to breathing air circuit by rescue- or decon-hose of the SCBA

Depending on the air pressure the suit is supplied with fresh air for ventilation and breathing by the BA-set and/or an external air source. If the external air source fails the BA-set provides fresh air for both functions.

Adapter for connection to male couplings at the SCBA	R58281	975	1
Adapter for connection to female couplings at the SCBA	R58358	975	1

Spare Parts

For the spare parts please refer to our spare parts list(s) which you receive on request:

Regulation Valve PT 120 L	E 2537.092
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Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
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Cooling system for Dräger CPS 6800 and 7800

During long time work with Chemical Protective Clothing inside the suit a climate with increased temperature and humidity can occur. The use of ventilation systems can improve the wearing comfort of the protective clothing.

The parts can be assembled into the Dräger CPS 7800 and 6800. The requirement for this is the availability of ventilation loops inside the suit (available as upgrade).

The mentioned list prices do not include the assembly work.



Ventilation System

Regulation Valve PT 120 L

The Regulation Valve PT 120 L enables the user to ventilate his chemical protective suit with a flow rate of 0, 5, 30 or 120 L/min and thereby create a positive pressure in the suit on demand. Warm and moist air is pushed outside through the pressure relief valve.

Due to the positive pressure all hazardous substances are kept outside the suit even if it is slightly damaged.

Regulation Valve PT 120 L for all CPS x800	R62088	975	1
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ASV for Dräger CPS 7800 and CPS 6800

The Dräger Automatic Switch-Over Valve (Dräger PAS ASV) enables the user to connect compressed air breathing Apparatus to an external air supply, such as a factory ring main, and be safe in the knowledge that if the external supply were to fail, there would be a safe and uninterrupted transition to the wearer's back-up air supply. During the switch-over operation the Dräger PAS ASV maintains positive pressure within the facemask at all times, ensuring the breathing Apparatus wearer is provided with optimum protection throughout their wearing duration.



Automatic Switch-Over valve (digital) for PSS 7000/5000 /3000 and AirBoss	3357007	512	1
Automatic Switch-Over valve (digital) for PAS and other PSS	3354568	512	1

Spare Parts

Please refer to our spare parts list(s) which you receive on request:

Regulation Valve PT 120 L	E 2535.100
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Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
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Protective Clothing Against Solid, Liquid And Gaseous Chemicals Accessories

The mentioned prices are without the cost of assembly.

Further accessories and spare parts are available in the corresponding spare part list.



Accessories

For the chemical protection suit (CPS)

Outer visor (minimum order quantity 10 pieces) For CPS 7900 and CPS 6900	R57859	975	10
Anti-Fog-Visor For CPS 7900 and CPS 6900	R57858	975	1
Rubber outline for the Anti-Fog-Visor For CPS 7900 and CPS 6900	1203290	595	1
Grease sticks (set of 2) For gastight closure system	R27494	975	1
Bag with talcum powder	R51005	595	1
Anti-Fog-Gel 'klar pilot'	R52560	978	1
Flat bag For protection of the CPS 7900 and CPS 6900 visor	8710071	595	1
Support visor CPS 7900/6900 For using during washing process in tumble washing machine	R58157	978	1
Washing bag for CPS	6570003	978	1
ChemTape Chemical resistant tape for attaching SPC components for a tight connection	R63069	975	1

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
For transport and storage of CPS			
Transportation bag For CPS 7800 and CPS 6800 Bag made of sturdy, coated Nylon-fabric	R53373	975	1
CPS Storage and Transportation Bag For CPS 7900, CPS 7800, CPS 6900 and CPS 6800 Bag made of sturdy, coated Nylon-fabric for the transportation and to be stored hanging down, laying flat or rolled together	R58152	975	1
Transport box With flap lid, stackable	T51525	980	1
For storage			
CPS-Hanger Hanger in T-form (flexible)	R54746	975	1
Hanger Stainless steel hanger for storage of chemical protective suits in hanging position.	R33299	975	1
Spare Parts			
For the spare parts please refer to our spare parts list(s) which you receive on request:			
CPS 7900	E 2535.750		
CPS 7800	E 2535.740		
CPS 6900	E 1535.690		
CPS 6800	E 2535.680		

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
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Chemical Protective Suits Customer-Specific Marking

The Chemical Protective Suits (CPS) can be printed with additional identification markings. Generally, all CPS already have the Dräger logo printed on them.

The prices specified below are to be added to the prices of the suit configuration. They are discounted the same as the suit itself.

Additional printing is available for the following CPS:

- CPS 7900 / CPS 7800
- CPS 6900 / CPS 6800



Printing of the Identification Markings

Printing in one of the print positions regardless of the number of characters printed

Printing a logo in one of the print positions

Description of the Markings

Colors

The following color combinations are available

Suit Color	Standard Print Color	Alternative Print Color
Orange	Blue	Reflective Silver, White
Blue	White	Reflective Silver
Red	Blue	Reflective Silver, White
Olive Drab	Black	Wjite

Attention

If one of the given alternative print colors is to be used for the customer specific print, this must be noted in the component matrix.

The printing is always in one color only.

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
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Symbols and Logos

Every suit has specific areas that are available for printing. These areas can be printed with a logo, writing, or a character sequence. If a logo is to be printed on the suit, a black and white version of the logo must be made available as a PDF file with a minimum resolution of 300 dpi in original size.

The following characters are available for writing or for a character sequence:

A Ä B C D E F G H I J K L M N O Ö P Q R S T U Ü V W X Y Z
1 2 3 4 5 6 7 8 9 0

(Font: Futura Bk BT)

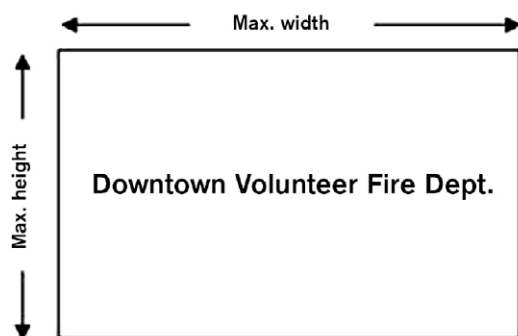
Description of the Markings

The maximum printing area is given per position.

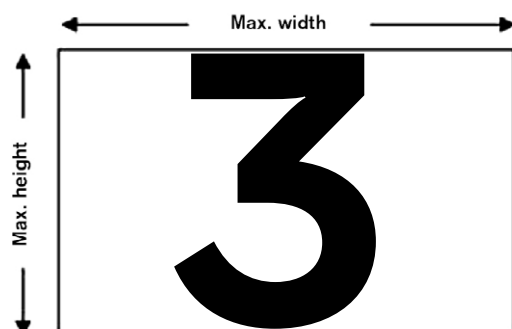
The font size depends on the number of characters in a row or on the width to height ratio of the logo.



Example 1) Optimally used width:



Example 2) Optimally used height:



Attention:

Due to our printing process, only strokes wider than 1 mm can be used. Symbol size and position are subject to change.

Personal Protection Technology

Protective Clothing

Description	Order Code	Product Category	Packing unit
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Comfort Clothing Dräger Comfort Vest CVP 5220

The Dräger comfort vest helps to absorb excess body heat and offers comfort for the wearer when working in high temperature surroundings or performing tasks that are physical enough to cause sweating. Its cooling action is derived from 20 PCM elements (Phase Change Material) integrated into the comfort vest. The comfort vest can be used in a wide range of applications. It is especially ideal for use underneath chemical protective suits such as those from the SPC or CPS series, or in industrial applications, in firefighting, shipping, mining or blast furnace works.

Vest sizes:

- S/M: chest sizes between 84 cm to 100 cm
- L/XL: chest sizes between 100 cm to 116 cm
- 2XL/3XL: chest sizes between 116 cm to 132 cm
- 4XL/5XL: chest sizes between 132 cm to 148 cm



Dräger Comfort vest CVP 5220

incl. 20 large PCM-Elements

Colour; outside blue, inside black,

Weight with PCM Elements: approx. 2.1kg



Dräger Comfort Vest CVP 5220, S/M	R58762	556	1
Dräger Comfort Vest CVP 5220, L/XL	R58763	556	1
Dräger Comfort Vest CVP 5220, 2XL/3XL	R58764	556	1
Dräger Comfort Vest CVP 5220, 4XL/5XL	R58761	556	1

Accessories

PCM-Element PCM-Elements for the use in the Dräger comfort vest CVP 5220	R45104	556	1
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Transportation bag Bag made of sturdy, coated Nylon-fabric for transporting or storage of the comfort vest (suitable for approx. 6 vests).	R53373	975	1
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Personal Protection Technology Test Equipment and Drägerware

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Dräger Quaestor 6000	663
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Personal Protection Technology

Test Equipment and Drägerware

Description	Order Code	Product Category	Packing unit
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Dräger Quaestor 8000

All static and dynamic tests of the Dräger Quaestor 8000 are carried out fully automatically. Controlled by the Dräger Protector software each test is carried out intuitively. For the user this guarantees high efficiency through comfort and speed.

With the Dräger Quaestor 8000 it is possible to test the following components:

- Full Face Masks
- Chemical Protection Suits (accessories necessary)
- Compressed Air Breathing Apparatus

Available options for further testing:

- Closed Circuit Breathing Apparatus
- Safety valves of pressure reducer
- Diving Apparatus Open Scuba



Dräger Quaestor 8000 Standard

PC-supported fully automatic test instrument for the testing of full-face masks, chemical protection suits and compressed air breathing Apparatus



	R63200	546	1
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Dräger Quaestor 8000 CCBA

PC-supported fully automatic test instrument for the testing of full-face masks, chemical protection suits, compressed air breathing Apparatus and closed circuit breathing Apparatus

	R63270	546	1
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Dräger Quaestor 8000 SCUBA

PC-supported fully automatic test instrument for the testing of full-face masks, chemical protection suits, compressed air breathing Apparatus and diving Apparatus

	R63280	546	1
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Personal Protection Technology

Test Equipment and Drägerware

Description	Order Code	Product Category	Packing unit
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Dräger Quaestor 8000 SCUBA/CCBA

PC-supported fully automatic test instrument for the testing of full-face masks, chemical protection suits, compressed air breathing Apparatus, closed circuit breathing Apparatus and diving Apparatus

	R63287	546	1
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Dräger Quaestor 8000 Complete

PC-supported fully automatic test instrument for the testing of full-face masks, chemical protection suits, compressed air breathing Apparatus (including safety valve Test of the pressure reducer), closed circuit breathing Apparatus and diving Apparatus

	R63299	546	1
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Included accessories in all variants

- **Multilingual Dräger Protector test software**
for the operation of the test stand and equipment management
- **Table mount**
- **Main cable and PC-connection cable**
- **Gauge holder**
for easy positioning of the manometer or Dräger Bodyguard
- **External microphone**
for the automatic detection of the trigger point of the low-pressure warning

Accessories required for operation

- **PC meeting following hardware requirements:**
Processor 1,6 GHz or higher, RAM 2 GB or higher, min. 500 MB, monitor resolution at least 1024 x 768, Windows 10, 2 USB-ports
- **High-pressure connections**
check available "High Pressure-Connectors" below

Software Updates

Dräger Protector Software
www.draeger.com/software



Spare Parts

For spare parts please request the following spare part list:

Dräger Quaestor 6000/8000	E1630.070
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Personal Protection Technology

Test Equipment and Drägerware

Description	Order Code	Product Category	Packing unit
Optional accessories			
Transport case Quaestor for Quaestor and accessories	3712635	980	1
Dräger QSI-Box For the sound insulation of the low pressure warning	R58382	547	1
Helmet-Mask-Adapter Holder to be attached to the test head for testing all Dräger Helmet-Mask combinations	R58116	547	1
Compressed air breathing Apparatus holder Used during the test to keep the compressed air breathing Apparatus upright	3716663	547	1
Breathing adapter Enables a positive leak tightness and the connection of the CCBA-mouthpiece to the testing head	AG02535	547	1
CPS-test set for 2-valves suit (Quaestor 8000)	R61888	547	1
CPS-test set for 1-valve suit (Quaestor 8000)	R61889	594	1
Headform cap	R62349	547	1
Test kit for Saver/Colt/Micro/ASV	R59337	547	1



Personal Protection Technology

Test Equipment and Drägerware

Description	Order Code	Product Category	Packing unit
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High Pressure-Connectors



Filling nozzle complete, Minimesse (female) – 8 mm	3717557	547	1
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Minimesse hose 1,5 m (female-female)	3717558	547	1
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For the version Minimesse hose 37 17 558 one of following part numbers must be ordered additionally:

HP-Adapter 300 bar, Minimesse (male) – G5/8

7902162	549	1
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HP-Adapter 300 bar, Minimesse (male) – 8 mm

3717567	547	1
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Optional High Pressure-Connectors 200 bar

External Pressure Reducer	R57584	547	1
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Optional administration software

See price list: Working in the workshop – Drägerware.

Workshop 5000/7000/9000

Quaestor 6000/8000 is only compatible with Drägerware 2021.4 or higher!

Personal Protection Technology

Test Equipment and Drägerware

Description	Order Code	Product Category	Packing unit
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Dräger Quaestor 6000

All Static and dynamic tests of the Dräger Quaestor 6000 take place semi-automatically as a sophisticated combination of personal handling and automated control during the test sequence. The Protector software supports the user with intuitive user guidance.

With the Dräger Quaestor 6000 it is possible to test the following components:

- Full Face Masks
- Chemical protection Suits (Accessories necessary)
- Compressed air breathing apparatus

Available options for further testing:

- Safety valves of pressure reducer



Dräger Quaestor 6000 Standard

PC-supported semi-automatic test instrument for the testing of full face masks, chemical protection suits and compressed air breathing apparatus



	R63100	546	1
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Dräger Quaestor 6000 SV

PC-supported semi-automatic test instrument for the testing of full-face masks, chemical protection suits Breathing equipment and compressed air breathing apparatus (including safety valve test of the pressure reducer)



	R63149	546	1
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Included accessories in all variants

- Multilingual Dräger Protector test software for the operation of the test stand and equipment management
- Table mount
- Main cable and PC-connection cable

Software Updates

Dräger Protector Software
www.draeger.com/software



Personal Protection Technology

Test Equipment and Drägerware

Description	Order Code	Product Category	Packing unit
Optional accessories			
Transport case Quaestor for Quaestor and accessories	3712635	980	1
Dräger QSI-Box For the sound insulation of the low pressure warning	R58382	547	1
Helmet-Mask-Adapter Holder to be attached to the test head for testing all Dräger Helmet-Mask combinations	R58116	547	1
Compressed air breathing apparatus holder Used during the test to keep the compressed air breathing apparatus upright	3716663	547	1
Breathing adapter Enables a positive leak tightness and the connection of the CCBA-mouthpiece to the testing head	AG02535	547	1
Gauge holder For easy positioning of the gauge or Dräger Bodyguard on the test device	3719538	547	1
Quaestor 5000 CPS-test set for 2 valves suits	R61886	547	1
Quaestor 5000 CPS-test set for 1 valve suit	R61887	547	1



Personal Protection Technology

Test Equipment and Drägerware

Description	Order Code	Product Category	Packing unit
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High Pressure-Connectors



Filling nozzle complete, Minimesse (female) – 8 mm	3717557	547	1
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Minimesse hose 1,5 m (female-female)	3717558	547	1
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For the version Minimesse hose 37 17 558 one of following part numbers must be ordered additionally:

HP-Adapter 300 bar, Minimesse (male) – G5/8	7902162	549	1
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HP-Adapter 300 bar, Minimesse (male) – 8 mm	3717567	547	1
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Optional High Pressure-Connectors 200 bar

External Pressure Reducer	R57584	547	1
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Optional administration software

See price list: Working in the workshop – Drägerware.

Workshop 5000/7000/9000

Quaestor 6000/8000 is only compatible with Drägerware 2021.4 or higher!

Spare Parts

For spare parts please request the following spare part list:

Dräger Quaestor 6000/8000	E1630.070
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Personal Protection Technology

Test Equipment and Drägerware

Description	Order Code	Product Category	Packing unit
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Dräger Quaestor 4000

All static tests of the Dräger Quaestor 4000 are carried out semi-automatically as a sophisticated combination of personal handling and automated control during the test sequence. The Protector software supports the user with intuitive user guidance.

With the Dräger Quaestor 4000 it is possible to test the following components:

- Full face masks
- Chemical protection suits (accessories necessary)
- Compressed air breathing apparatus



Dräger Quaestor 4000

PC-supported semi-automatic test instrument for the testing of full face masks, chemical protection suits and compressed air breathing apparatus



	3728004	546	1
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Included accessories in all variants

- Multilingual Dräger Protector test software for the operation of the test stand and equipment management
- Table mount
- Main cable and PC-connection cable

Software Updates

Dräger Protector Software
www.draeger.com/software



Personal Protection Technology

Test Equipment and Drägerware

Description	Order Code	Product Category	Packing unit
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Optional Accessories

Please refer to accessories of Quaestor 6000, only following adapters for LDV testing are different:

Adapter to test LDV

Adapter P	R62954	547	1
Adapter AE	R62955	547	1
Adapter RD	R62956	547	1
Adapter ESA	R62959	547	1

See price list: Working in the workshop – Drägerware Workshop 5000/7000/9000
Quaestor 4000 is only compatible with Drägerware 2023.4 or higher!

Spare Parts

For spare parts please request the following spare part list: Dräger Quaestor 4000 E1630.02



Personal Protection Technology

Test Equipment and Drägerware

Description	Order Code	Product Category	Packing unit
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Dräger Testor 2500/Dräger Testor 3500

With the Dräger Testor it is possible to test the following equipment:

- Compressed air breathing apparatus
- Full face masks
- Lung demand valves (LDV)
- Chemical protective suits (CPS)

According to the test requirements the single system components have to be selected:

- Test unit
- Desktop computer
- Components for the required tests



Test Equipment

Dräger Testor 2500

Consisting of: Basic unit, instructions for use



	R62950	546	1
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Dräger Testor 3500

Consisting of: Testor 2500 with integrated electronic, Protector software, USB-cable and instructions for use



	R62970	546	1
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Spare Parts

For spare parts please request the following spare part list. Testor 2500/3500

* Note to the picture: PC and display screen not included in delivery

Accessories



Workbench fixation Testor 2500/3500 workbench fixation (incl. new Testor 2500/3500 mounting plate) to fix the Testor 2500/3500 on a table	R62968	547	1
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Personal Protection Technology

Test Equipment and Drägerware

Description	Order Code	Product Category	Packing unit
Medium pressure hose 500 mm To connect the Testor with pressure reducer of the SCBA - in case of a compressed air supply of the SCBA	R57999	547	1
Medium pressure hose 1.000 mm To connect the Testor with pressure reducer of the SCBA - in case of a compressed air supply of the SCBA	R61898	547	1
Shut-off Valve (medium pressure)	AG02382	547	1
Bag Testor 2500/3500	R63099	547	1
Adapter to test LDV			
Adapter P	R62954	547	1
Adapter AE	R62955	547	1
Adapter RD	R62956	547	1
Adapter ESA	R62959	547	1
Adapter for masks with helmet connection Adapter mask-helmet (Q-fix/S-fix)	R58116	547	1
Accessories			
The accessories for the relevant test procedures are included in the price list "Test equipment – Accessories for tests".			

Personal Protection Technology

Test Equipment and Drägerware

Description	Order Code	Product Category	Packing unit
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Dräger Prestor 5000

With the Prestor 5000 it is possible to test Full Face Masks
According to the test requirements the single system components
have to be selected:

- Prestor 5000 test unit
- Desktop computer systems
- Components for the required tests



Dräger Prestor 5000

Consisting of Basic unit, Firmware, power cable, connection
cable for PC, work bench fixation, instruction for use



Prestor 5000	R62252	546	1
Accessories			
Helmet adapter Prestor 5000	R62281	547	1
MP-hose 500 mm	R57999	547	1
MP-hose 1000 long	R61898	547	1
MP - shut-off valve	AG02382	547	1
Head cap	R62349	547	1

Spare Parts

For spare parts please request the following spare part list:

Dräger Prestor 5000	E1614960e
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Test procedures

The accessories for the relevant test procedures are included in the price list "Test Equipment – Accessories for tests"

Drägerware solutions

are included in the price list "Drägerware – Work inside the workshop"

Personal Protection Technology

Test Equipment and Drägerware

Description	Order Code	Product Category	Packing unit
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Dräger Porta Control 3000

With the Porta Control 3000 it is possible to test the following Chemical Protective Suits [CPS]:

- Teammaster
- Workmaster
- CPS 5800/5900
- CPS 6800/6900
- CPS 7800/7900

According to the test requirements the single system components have to be selected:

- Test unit
- Components for the required Tests



Dräger Porta Control 3000

Dräger Porta Control

Consisting of:

- gauge (1x)
- fully integrated reference volume
- test hoses
- valve test plug for CPS valves 35 mm (1x)
- test cap for CSP valve 35 mm (2x)
- stop watch (1x)
- hose valve (2x)
- pump ball (1x)
- illustrated quick guide

	R62520	546	1
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Optional accessories for 1-valve suits with face cuff

CPS test cap (35 mm, 2 x 8 mm.)	R62535	594	1
Test ball CPS	R50337	975	1
Hose clamp for test ball CPS	R50866	547	1

Test procedures

The accessories for the relevant test procedures are included in the price list "Test equipment – Accessories for tests".



Personal Protection Technology

Test Equipment and Drägerware

Description	Order Code	Product Category	Packing unit
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Test Equipment and Drägerware Dräger RZ 7000

With The Dräger RZ 7000 it is possible to test the following components:

- Closed Circuit Breathing Apparatus
- Full Face Masks RP

According to the test requirements the single system components have to be selected:

- Test unit
- Components for the required test(s)



Dräger RZ 7000

Consisting of:

- basic unit,
- power unit,
- instruction for use



Dräger RZ 7000	R62500	546	1
Accessories			
Adapter for sealing face mask	R53345	547	1
USB cable	8318469	356	1
Car charger cable	8320252	981	1

Adapter for testing face masks and individual components	R62599	547	1
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RZ 7000 Test head	R62581	547	1
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Personal Protection Technology

Test Equipment and Drägerware

Description	Order Code	Product Category	Packing unit	Price/ea Excl. VAT
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Bench mounting fixture	R62561	547	1	€94.75
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PSS BG 4 plus test-kit	R33777	510	1	€889.00
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Software Updates

Dräger Protector Software
www.draeger.com/software



Spare Parts

For spare parts please request the following

Dräger RZ 7000	spare part listE1616700e
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Personal Protection Technology

Test Equipment and Drägerware

Description	Order Code	Product Category	Packing unit
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Test equipment Accessories

In addition to the test equipment components are necessary to insure the reliability of the inspections.

Out of the following price list you can take the necessary accessories to the test equipment and the respective inspection.



Leakage test -Full face masks- Leakage testing with negative pressure

For this the lung demand valve is set closed with a sealing plug.

The sealing plugs are different depending on the kind of the testing mask.

Normal pressure mask

	Testor 2500/3500	Prestor 5000	Porta Control 3000	Quaestor 5/6000	Quaestor 7/8000			
Sealing plug (Adapter RA)	•	•		•	•	R53344	547	1
Positive pressure mask								
Sealing plug (Adapter P/PE/RP)	•	•		•	•	R53345	547	1
Sealing plug (Adapter P)	•	•		•	•	T52246	596	1
Test adaptor (P/PE/ESA; FPS 7000)	•	•		•	•	AG02770	547	1

Personal Protection Technology

Test Equipment and Drägerware

Description	Order Code	Product Category	Packing unit
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Leakage testing with positive pressure

Lung demand valve and the exhalation valve of the mask are set closed with a sealing plug.

	Testor 2500/3500	Prestor 5000	Porta Control 3000	Quaestor 5/6000	Quaestor 7/8000			
Normal pressure mask round exhalation valve:								
Sealing plug (Adapter RA)	•			•	•	R53344	547	1
Sealing plug X-Plore (RA)	•			•	•	R53349	547	1
Positive pressure with round exhalation valve:								
Plug-in connector (Adapter P/PE/RP)	•			•	•	R53345	547	1
Sealing plug (Adapter P)	•			•	•	T52246	596	1
Sealing plug (P/PE/ESA)	•			•	•	R53346	547	1
Testing adapter (Adapter ESA)	•			•	•	R59166	547	1
Test kit RA	•			•	•	R52213	547	1
Test kit P	•			•	•	R52214	547	1
Test kit PE	•			•	•	R52215	547	1

Lung demand valve testing

MP hose 500 long				•		R57999	547	1
MP hose 1000 long						R61898	547	1
Cover cap 200 bar Necessary for bottle devices for plugging the pressure reducing connection (1x)	•					U05875	532	1
LDV plug 9/20 DIN 12871 The medium pressure hose of the lung demand valve must be plugged for the negative pressure leakage test.	•			•		1294091	547	1

Personal Protection Technology

Test Equipment and Drägerware

Description	Order Code	Product Category	Packing unit
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Connection of the lung demand valve

The LDV can be tested directly with the mask and also directly at the mouthpiece of the tested head. Necessary for this is a breathing adapter with a Rd 40 round thread connection

	Testor 2500/3500	Prestor 5000	Porta Control 3000	Quaestor 5/6000	Quaestor 7/8000			
Breathing adapter QA				•	•	AG02535	547	1
Connection for pos. pressure AE				•	•	R51591	547	1
LDV-connection RA				•	•	AG02543	547	1
LDV-connection PSS A				•	•	AG02630	547	1
LDV-connection ESA Only in connection with R51 591				•	•	AG02406	547	1
Further connections								
Testor enables to test lung demand valves parallelized to a mask test on the testing head or on a further lung demand valve c								
Connection for positive pressure LDV AE				•	•	R51591	547	1
LDV-connection ESA Is necessary additional to the adapter R 51 591.						AG02406	547	1
Adapter plug-in connection on round threads (test piece P)				•	•	R50028	547	1

Personal Protection Technology

Test Equipment and Drägerware

Description	Order Code	Product Category	Packing unit
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Chemical protection suit (CPS)-tests

	Testor 2500/3500	Prestor 5000	Porta Control 3000	Quaestor 5/6000	Quaestor 7/8000			
Sets:								
Test kit CPS 2-valves	•			•		R61886	547	1
Test kit CPS 1-valve	•			•		R61887	547	1
Test kit CPS 2-valves					•	R61888	547	1
Test kit CPS 1-valve					•	R61889	594	1
Test Set CPS type 1b without mask	•			•	•	R63022	547	1
Connection of the CPS	•							
Adapter (Sealing plug RA) for the connection of the test hose to the LAV-adapter.	•					R53344	547	1
Compressed air pistol	•					R51034	547	1

Test cap

For connecting test hose- CPS valve and for connecting compressed air pistol-CPS valve.

The test caps are different depending upon diameter of the CPS valve type. At least 2 pieces are needed.

For CPS valve 35mm, 1*6 mm (This cap is also used in the sets "Test kit CPS")				•	•	R61049	547	1
For CPS with 2 valves, 35mm, 1*8 mm, FESTO coupling (This cap is also used in Porta Control 3000.)					•	R62533	594	1
For CPS with 1 valve, 35 mm, 2*8 mm, FESTO coupling (This cap is an optional accessory for Porta Control 3000. Only 1 pcs. is needed.)					•	R62535	594	1
For CPS valve 30 mm	•					R50563	547	1

Positive pressure testing CPS

For this all CPS valves are set closed. if the CPS has 4 valves at 30 mm, the remaining two CPS valves have to be setclosed with a plug.

For CPS valve 30 mm. Sealing plug (2 pieces)	•			•	•	T40477	594	1
For CPS valves 35 mm Test plug				•	•	R61050	547	1

Personal Protection Technology

Test Equipment and Drägerware

Description	Order Code	Product Category	Packing unit
	Testor 2500/3500		
	Prestor 5000		
	Porta Control 3000		
	Quaestor 5/6000		
	Quaestor 7/8000		
For CPS valve 30 mm			
Valve test adapter consisting of:			
Rubber plug	•		
		R52694	547
			1
Nozzle	•		
		R52693	547
			1

Leakage test of CPS and full face masks

(only one suit valve additional to order)

Screw ring	•		•	•	•	R52557	547	1
Nozzle connection	•		•	•	•	R27977	594	1
Sealing plug X-Plore (round exhalation valve)	•		•	•	•	R53349	547	1
Stopper assy (oval exhalation valve)			•			R26442	547	1
Test cap , 2 outputs				•	•	R61051	547	1
Test cap (30 mm)			•			R50563	547	1

Leakage test of CPS with facial cuff

Test balloon			•			R50337	975	1
Test cap, 2 outputs				•	•	R61051	547	1

Personal Protection Technology

Test Equipment and Drägerware

Description	Order Code	Product Category	Packing unit
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Drägerware and Test Equipment Work inside the workshop

Stationary work processes and test equipment connection.

The successful Drägerware solutions have a modular design, are sustainable and safe to use.

They provide support for public authorities and industrial plants both stationary in the workshop or administration as well as via mobile solutions on the laptop, tablet PC or pocket PC.

Integrated interfaces to respiratory protective devices or test equipment for Dräger mobile gas detection instruments offer the best possible total package in the workshop.



Drägerware workshop software 5000,7000,9000

Highly flexible, to be adapted to individual organizational structures and processes. Complete non-rewritable and non-erasable verification management for more transparency. Cost saving due to efficient work process. Investment security thanks to a strong partner.

Workshop 5000 basic module

Standard workshop modules

- Personnel administration (basic)
- Address and warehouse management functions.
- Integrated technical connection of Dräger test equipment.
- Invoicing of services (spare parts) via delivery note or calculation module
- Simple issue and return of equipment
- Interface to Dräger E-Cal and X-Dock (maintenance contract required)

	6538007	541	license
Monthly maintenance charge WSS 5000	1900529	541	services
Drägerware Additional License Workshop 5/7000 Additional license multi-user to installed workshop 5000 and 7000 installation	6538010	541	license
Monthly maintenance add.license 5/7000	1900531	541	services

Personal Protection Technology

Test Equipment and Drägerware

Description	Order Code	Product Category	Packing unit
Workshop 7000 basic module			
Includes all functions of the Workshop 5000 basic module plus:			
- Detailed accounting features due to the use of cost centers and cost types.			
- Defect management module - Device receipt/withdrawal monitoring system			
- Dialogs can be adapted specifically.			
	6538008	541	license
Monthly maintenance charge WSS 7000			
	1900530	541	services
Workshop 9000 basic module			
Includes all functions of the Workshop 7000 basic module plus:			
- Interface for data base Microsoft SQL-Server			
- 7 location levels			
- Clothing module			
- Rental module			
- Full version of personal administration module			
- Advanced user rights management			
Only available with an ongoing maintenance contract!			
	6538021	541	license
Monthly maintenance costs WSS 9000 basic			
	6538022	541	services
Drägerware Additional License Workshop 9000			
Additional license multi-user to installed workshop 9000 installation			
	6538023	541	license
Monthly maintenance add.license WSS 9000			
	6538024	541	services
Data base interfaces			
(Data base system not included in list price)			
Drägerware under data base Microsoft SQL-Server			
	6539007	541	license
Extension module clothing chamber for Workshop-Software			
	6539008	541	license
Please let develop you a detailed offer for upgrading of Central Workshop to Workshop 5000/7000			
Services			
Drägerware training plus travel costs			
	1962108	165	man-day

Personal Protection Technology

Test Equipment and Drägerware

Description	Order Code	Product Category	Packing unit
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Mobile work outside the workshop Services and Accessories

Products tailored to the respective application case are offered for mobile work processes.

Workplace with Drägerware Workshop software on laptop or tablet PC.

Drägerware.Workplace and Zebra TC-52x are extensions of the Drägerware.Workshop software.

Drägerware App available on license base.



Zebra TC-52x – Set

Touch-Computer with an integrated 1D/2D barcode scanner, NFC, 5-inch display, IP 65 / IP 68, Android 10

The set includes:

- TC-52x Computer
- LAN Dockingstation
- Trigger handle
- protective cover
- power supply cord EU
- USB-C cable



	3701050	541	1
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MC-3330xR - Set

For bulk scanning of UHF-RFID tags
For single scanning of NFC and 1D/2D barcodes
Android 10

The set includes:

- MC 3330xR Computer
- LAN Dockingstation



	3725820	541	1
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Attention: The MC-3330xR cannot scan LF-RFID tags. Please double check compatibility in advance!

The use of the Zebra TC-52x/MC-3330xR requires the annual license fee (see below) and an ongoing maintenance contract of the Drägerware.Workshop software.

Monthly maintenance DW Android-App	1965279	541	1
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Personal Protection Technology

Test Equipment and Drägerware

Description	Order Code	Product Category	Packing unit
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Drägerware.Workplace.Basic package (data synchronization)

Working across sites: Data inventory and functional scope of Drägerware.Workshop are available any time.

Required data can be accessed and processed via a Notebook.
Data synchronization is done after return by transfer of the data to the data inventory.



	6401205	541	licence
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Drägerware.Workplace.Additional licence with Drägerware 5000/7000	6401199	541	licence
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Drägerware.Workplace.Additional licence with WS9000	3712913	541	licence
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Monthly maintenance WP add.lic.WSS 9000	3712914	541	licence
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Barcode labels

500 pieces per roll. Available in different sizes; number interval not selectable for standard barcode labels. The illustration shows an example.



Barcode label outside, double roll, 30x13mm	6533971	541	1000
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Barcode label inside, 22x8mm	AG02550	541	500
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Barcode label outside, 22x8mm	AG02551	541	500
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Barcode label inside, 30x13mm	AG02396	541	500
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Barcode label outside, 30x13mm	AG02395	541	500
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Customized barcode labels

Special designs available from 2000 pcs. Extra charge lump sum: €250.00, number interval now selectable Dräger imprint can be replaced by designation required by customer (text only)

1964685

541

1000

Wired barcode scanner Standard

Digital Imager for 1D/2D barcodes
Scan confirmation via LED and audible signal
Shock resistance: Withstands falls from a height of 1.5 m
Delivered USB cable
The picture shows a model.



	AG02491	541	1
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Personal Protection Technology

Test Equipment and Drägerware

Description	Order Code	Product Category	Packing unit
<p>Premium 1D/2D scanner Zebra DS3678-SR Set Industry scanner Imager (Standard Range) Multi Interface (RS232, KBW, USB) IP67 Standard Scope of delivery: Handheld scanner, base station, power supply unit, EU USB cable</p>			
	3736820	541	1
<p>Radio Barcode Reader Standard Digital Imager for 1D/2D Barcodes. The picture shows a model.</p>			
	AG02816	541	1
<p>Transponder reader (125 kHz) Identification of devices with LF/HF RFID transponder (e.g. mask FPS 7000) Ease of use Simple connection via USB port The picture shows a model.</p>			
	6559283	541	1
Services			
Drägerware training plus travel costs	1962108	165	man-day



Personal Protection Technology

Diving Technology

Compressed Air Diving Set

Dräger PSS Dive (EN and VfdB) 685

Diving Regulator

Dräger Secor 7000 688

Full Face Mask

Dräger Panorama Nova Dive 693

Components for Diving

Carrying Systems 696

Compressed Air Cylinder 698

Dräger Secor 7000 700

Finimeter & Consoles 702

Swivel 702

Spare Parts 702

Accessories for Diving

Diver's communication 703

Diving Suits 706

Other Accessories 707

Rebreather

LAR 8000 708

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Personal Protection Technology

Diving Technology

Description	Pneumatic group Approval EN Cylinder Valve Position: Top	Pneumatic group Approval EN Cylinder Valve Position: Bottom	Pneumatic group VFDB Cylinder Valve Position: Bottom	Order Code	Pro Cat	Pack unit
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Compressed air diving set PSS® Dive

The professional diving Apparatus PSS Dive is based on a modular concept, permitting customer required configurations to be incorporated. Equipped with Full Face Mask, carrying system and cylinder straps.



	EN (Position: Top)	EN (Position: Bottom)	VFDB (Position: Bottom)			
Dräger PSS® Dive Full face mask				T54500	565	1
Panorama Nova Dive	•	•	•			
Panorama Nova Dive Sport	•	•				

Personal Protection Technology



Diving Technology

Description	Pneumatic group Approval EN Cylinder Valve Position: Top	Pneumatic group Approval EN Cylinder Valve Position: Bottom	Pneumatic group VFDB Cylinder Valve Position: Bottom	Order Code	Pro Cat	Pack unit
	EN (Position: Top)	EN (Position: Bottom)	VFDB (Position: Bottom)			
Carrying system						
Carrying system: size M	•					
Carrying system: size L	•					
Carrying system: size XL	•					
Carrying system: size M		•	•			
Carrying system: size L		•	•			
Carrying system: size XL		•	•			
Compressed gas cylinders						
Unit preparation for Mono-cylinder (One cyl.)	•	•	•			
Unit preparation for Duo-cylinder (Two cyl.)	•	•	•			
Unit w. 2xcyl. 6L/300bar Duo	•	•	•			
Unit w. 2xcyl. 7L/300bar Duo	•	•	•			
Note: 1x 7L cyl. or 1x 10L cyl. must be ordered separately. Currently not available in the configuration.						
Twin Set						
Twin Set 140 (If 2x 6/7 L cylinder are selected)	•	•	•			



Personal Protection Technology

Diving Technology

Description	Pneumatic group Approval EN Cylinder Valve Position: Top	Pneumatic group Approval EN Cylinder Valve Position: Bottom	Pneumatic group VFDB Cylinder Valve Position: Bottom	Order Code	Pro Cat	Pack unit
	EN (Position: Top)	EN (Position: Bottom)	VFDB (Position: Bottom)			
Life vest						
Life vest, red, incl. CO2 cartr.	•	•	•			
Buoyancy system						
Buoyancy bladder 25L	•	•	•			
Buoyancy bladder 25L incl. 0.5L cyl.	•	•	•			
Inflator hoses *)						
Inflator hose L=1.15 m		•	•			
Inflator hose L=0.78 m	•					
Documentation						
Set instruct.f.use de/en/fr/nl	•	•	•			
Set instruct.f.use da/no/sv/fi	•	•	•			
Set instruct.f.use es/it/pt/el	•	•	•			
Set instruct.f.use hu/pl/ru/tr	•	•	•			
Pneumatic system						
Dräger Secor 7000	•	•	•			

*) mandatory selection together with buoyancy system required

Personal Protection Technology

Diving Technology

Description	Pneumatic group Approval EN Cylinder Valve Position: Top	Pneumatic group Approval EN Cylinder Valve Position: Bottom	Pneumatic group VFDB Cylinder Valve Position: Bottom	Order Code	Pro Cat	Pack unit
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Diving regulator Secor 7000

The diving regulator Dräger Secor 7000 was developed for the professional diver. The medium pressure hose can be attached to either side of the 2nd stage to ensure diver comfort.

The Secor 7000 integrates perfectly with the Panorama Nova Dive fullface mask. The complete pneumatics can be individually configured by the diver.



	*Diving regulator - 2nd stage	*Octopus	*Octopus w/ 1st stage	*Diving regulator 1+2nd stage	*Div. reg. 1+ 2nd stage+ Octopus	*1+2nd stage+Octop.w/1st stage	*Diving regulator - 2nd stage	*Octopus	*Octopus w/ 1st stage	*Diving regulator 1+2nd stage	*Div. reg. 1+ 2nd stage+ Octopus	*1+2nd stage+Octop.w/1st stage	*Diving regulator - 2nd stage	*Octopus w/ 1st stage	*Diving regulator 1+2nd stage	*1+2nd stage+Octop.w/1st stage	*1+2nd stage+Octop.w/1st+Acc.				
Dräger Secor 7000 Diving regul.-2nd stage w/ hose Diving regul.-2nd stage																					
																			T54400		1
Diving reg. 2nd st., mouthp.	•			•	•	•	•			•	•	•									
Diving reg. 2nd st., Full Face Mask	•			•	•	•	•			•	•	•	•		•	•	•				

General order conditions:

- 1) Use is limited to a cylinder working pressure of 200 bar
- 2) Diving mask must have a adaption option for the pressure warning
- 3) "MP hose, CR/NR, 1800, male, black" only selectable with "Div. regulator 2nd stage, yellow, mouthpiece"

Personal Protection Technology

Diving Technology

Description	Pneumatic group Approval EN Cylinder Valve Position: Top	Pneumatic group Approval EN Cylinder Valve Position: Bottom	Pneumatic group VFDB Cylinder Valve Position: Bottom	Order Code	Pro Cat	Pack unit
	*Diving regulator - 2nd stage *Octopus *Octopus w/ 1st stage *Diving regulator 1+ 2nd stage *Div. reg. 1+2nd stage+ Octopus *1+ 2nd stage+ Octop.w/1st stage *Diving regulator - 2nd stage *Octopus *Octopus w/ 1st stage *Diving regulator 1+ 2nd stage *Div. reg. 1+2nd stage+ Octopus *1+ 2nd stage+ Octop.w/1st stage *Diving regulator - 2nd stage *Octopus w/ 1st stage *Diving regulator 1+ 2nd stage *Div. reg. 1+2nd stage+ Octopus *1+ 2nd stage+ Octop.w/1st stage *Diving regulator - 2nd stage *Octopus w/ 1st stage *Diving regulator 1+ 2nd stage *Div. reg. 1+2nd stage+ Octopus *1+ 2nd stage+ Octop.w/1st stage *1+ 2nd stage+ Octop.w/1st+ Acc.					
Medium pressure hose						
MP hose, CR/NR, 1310, black						
MP hose, CR/NR, 845, black	•					
MP hose, CR/NR, 963, black	•					
MP hose, flex, 800, black	•					
MP hose, flex, 900, black	•					
ALTERNATIVE selectable hose						
MP hose w/ male connector MP hose, CR/NR, 243, m, black	•					
MP hose w/ female coupling MP hose, CR/NR, 1195, f, black	•					





General order conditions:

- 1) Use is limited to a cylinder working pressure of 200 bar
- 2) Diving mask must have a adaption option for the pressure warning
- 3) "MP hose, CR/NR, 1800, male, black" only selectable with "Div. regulator 2nd stage, yellow, mouthpiece"

Personal Protection Technology

Diving Technology


Description	Pneumatic group Approval EN Cylinder Valve Position: Top			Pneumatic group Approval EN Cylinder Valve Position: Bottom			Pneumatic group VFDB Cylinder Valve Position: Bottom			Order Code	Pro Cat	Pack unit							
	*Diving regulator - 2nd stage	*Octopus	*Octopus w/ 1st stage	*Diving regulator 1+2nd stage	*Div. reg. 1+2nd stage+Octopus	*1+2nd stage+Octop.w/1st stage	*Diving regulator - 2nd stage	*Octopus	*Octopus w/ 1st stage				*Diving regulator 1+2nd stage	*Div. reg. 1+2nd stage+Octopus	*1+2nd stage+Octop.w/1st stage	*Diving regulator - 2nd stage	*Octopus w/ 1st stage	*Diving regulator 1+2nd stage	*1+2nd stage+Octop.w/1st stage	*1+2nd stage+Octop.w/1st+Acc.
Octopus w/ hose																			
Octopus - 2nd stage																			
Div.reg.2nd stage, yellow, mouthpiece		•	•		•	•		•	•		•	•							
Div.reg.2nd stage, yellow, Full Face Mask		•	•		•	•		•	•										
Medium pressure hose																			
MP hose, flex, 1000, yellow		•	•		•	•		•	•										
MP hose, CR/NR, 1000, yellow		•	•		•	•		•	•										
ALTERNATIVE selectable hose																			
MP hose w/ male connector																			
MP hose, CR/NR, 1800, m, black ³⁾		•	•		•	•		•	•										
MP hose, CR/NR, 243, m, black		•	•		•	•		•	•				•		•	•			
MP hose w/ female coupling																			
MP hose, CR/NR, 1195, f, black		•	•		•	•		•	•				•		•	•			
Hose protection (long)								•	•		•	•		•	•				

General order conditions:

- 1) Use is limited to a cylinder working pressure of 200 bar
- 2) Diving mask must have a adaption option for the pressure warning
- 3) "MP hose, CR/NR, 1800, male, black"³⁾ only selectable with "Div. regulator 2nd stage, yellow, mouthpiece"

Personal Protection Technology

Diving Technology

Description	Pneumatic group Approval EN Cylinder Valve Position: Top			Pneumatic group Approval EN Cylinder Valve Position: Bottom			Pneumatic group VFDB Cylinder Valve Position: Bottom			Order Code	Pro Cat	Pack unit
	*Diving regulator - 2nd stage *Octopus	*Octopus w/ 1st stage	*Diving regulator 1+2nd stage *Div. reg. 1+2nd stage+Octopus	*Diving regulator - 2nd stage *Octopus	*Octopus w/ 1st stage	*Diving regulator 1+2nd stage *Div. reg. 1+2nd stage+Octopus	*Diving regulator - 2nd stage *Octopus w/ 1st stage	*Diving regulator 1+2nd stage *Div. reg. 1+2nd stage+Octopus	*Diving regulator - 2nd stage *Octopus w/ 1st stage			
Diving regul.-1st stage												
Diving regulator-1st stage												
Diving regulator 1st stage DIN			• • •				• • •			• • •		
Diving regulator 1st stage INT			• • •				• • •					
Octopus regul.-1st stage												
Diving regulator 1st stage DIN		•			•		•		•	• •		
Diving regulator 1st stage INT		•			•		•					
Accessories												
Pressure gauge/console												
Pressure gauge, 300bar, air, 1270							• • •			• • •		
Pressure gauge, 300bar, air, 880			• • •									
Pressure gauge/depth gauge			• • •				• • •					
Pres.gauge/depth gauge/compass			• • •				• • •					

General order conditions:

- 1) Use is limited to a cylinder working pressure of 200 bar
- 2) Diving mask must have a adaption option for the pressure warning
- 3) "MP hose, CR/NR, 1800, male, black" only selectable with "Div. regulator 2nd stage, yellow, mouthpiece"

Personal Protection Technology

Diving Technology

Description	Pneumatic group Approval EN Cylinder Valve Position: Top	Pneumatic group Approval EN Cylinder Valve Position: Bottom	Pneumatic group VFDB Cylinder Valve Position: Bottom	Order Code	Pro Cat	Pack unit
	*Diving regulator - 2nd stage *Octopus *Octopus w/ 1st stage *Diving regulator 1+2nd stage *Div. reg. 1+2nd stage+Octopus *1+2nd stage+Octop.w/1st stage *Diving regulator - 2nd stage *Octopus *Octopus w/ 1st stage *Diving regulator 1+2nd stage *Div. reg. 1+2nd stage+Octopus *1+2nd stage+Octop.w/1st stage *Diving regulator - 2nd stage *Octopus w/ 1st stage *Diving regulator 1+2nd stage *1+2nd stage+Octop.w/1st stage *Diving regulator - 2nd stage *Octopus w/ 1st stage *Diving regulator 1+2nd stage *1+2nd stage+Octop.w/1st stage *1+2nd stage+Octop.w/1st+Acc.					
Pressure warning						
Pressure warning ²⁾						
Pressure warning +100 ²⁾						
High pressure swivel						
High pressure swivel						

General order conditions:

- 1) Use is limited to a cylinder working pressure of 200 bar
- 2) Diving mask must have a adaption option for the pressure warning
- 3) "MP hose, CR/NR, 1800, male, black" only selectable with "Div. regulator 2nd stage, yellow, mouthpiece"

Personal Protection Technology

Diving Technology

Description	Order Code	Product Category	Packing unit
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Full-face mask Panorama Nova Dive

The mask has three Dräger plug-in connections. The central port is designed for connecting the main breathing system.

The two side connections may be used for an emergency second stage regulator (not at the same time) and a microphone for the communication system. The Panorama Nova Dive features an additional exhalation valve which makes it very easy for the diver to purge water. At the surface the diver can breathe ambient air providing he has not inserted the main breathing system into the mask. This conserves the cylinder air supply until actually needed. As it is positioned close to the face, the new flat visor offers a wide field of vision. This also reduces the volume of air inside the mask, thereby reducing buoyancy. There are two integrated nose pieces in the visor to permit pressure equalisation.

After a dive the mask can be removed by means of the unique quick release system.

The Panorama Nova Dive has also been developed for use with rebreathers. For this application the inner mask is replaced by an integrated bite mouthpiece. No connector is provided in rebreather masks for the residual pressure alarm.



Panorama Nova Dive

If not otherwise stated is the scope of delivery with mask box.

For open diving systems

Panorama Nova Dive Sport	T53700	565	1
Panorama Nova Dive	T53510	565	1

incl. mask connection for low pressure warning unit

Personal Protection Technology

Diving Technology

Description	Order Code	Product Category	Packing unit
For rebreather diving systems			
Panorama Nova Dive R magnetic, with mouthpiece for LAR, FGT 5400 please order T- piece additionally	T52730	565	1
Panorama Nova Dive NM Mask non-magnetic, mouthpiece for LAR/FGT 5400 please order T-piece additionally NATO stock no. 4220-12-363-3235	T16000	562	1
Accessories			
T-Piece with valve to adapt breathing hoses from LAR diving Apparatus	T16010	562	1
T-Piece with valve to adapt breathing hoses from FGT 5400 diving Apparatus	T16330	562	1
Residual pressure warning complete with pressure switch, connecting hose and warning unit for face mask with plug-in type connection	T53615	565	1
blank plug for residual pressure warning	T53682	596	1
Housing for residual pressure warning	T52729	596	1
Elastic fixation strap for housing	T14094	596	1

Personal Protection Technology

Diving Technology

Description	Order Code	Product Category	Packing unit
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Accessory Rail System

Accessory rail system with various slides to attach lights, cameras and Head-up-display



Accessory Rails with Mounts includes: - Left & Right Accessory Rails, - Upper & Lower Wire Mounts - thumb screws The Accessory Rails can not be installed individually, only as a set. No tools are used and the thumb screws are installed hand tight.	3714702	976	1
Light mounted on slide: 10 to 300 Lumens (adjustable slide switch) appr. 1 hour set on full power, rated for a diving depth of 100 m	3714703	976	1
Holder for Head-up-Display	3714704	976	1
Kit to convert slide to universal mount	3714705	976	1
Bare Slide with 2 Screws	3714706	976	1
Universal Slide with 2 Clamps	3714707	976	1
Accessory Rail System spare parts			
Bottom Wire Mount replacement	3714709	976	1
Top wire Mount replacement	3714710	976	1
Replacement Rail left	3714711	976	1
Replacement Rail right	3713421	976	1
Replacement Wire Nuts (2 pack)	3714708	976	1
Spare parts for Panorama Nova Dive			
for transport and storage with carrying strap	R54610	421	1
please order our special spare parts list	E2227434		

Personal Protection Technology

Diving Technology

Description	Order Code	Product Category	Packing unit
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Components for diving

Components and accessories can be used also as single unit.



Carrying systems

for PSS Dive-vfdb or EN

Carrying system size M (vfdb) (valves on bottom)	T54032	565	1
Carrying system size L (vfdb) (valves on bottom)	T54033	565	1
Carrying system size XL (vfdb) (valves on bottom)	T54308	565	1
Carrying system size M (EN)	T54136	565	1
Carrying system size L (EN)	T54137	565	1
Carrying system size XL (EN)	T54309	565	1
Cylinder retaining strap	T54130	565	1
Valve protection	T54090	565	1
Loop (optional hose fixation with clip)	T50989	565	1
Bag set consisting of bag and lead pocket	T54560	565	1
Inner lead pocket, separate	T54562	565	1
Transport case			
Transport case for PSS Dive vfdb/EN	T16847	565	1

Personal Protection Technology

Diving Technology

Description	Order Code	Product Category	Packing unit
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Buoyancy control jacket

for PSS Dive-vfdb or EN



Buoyancy control bladder	T54036	565	1
inflator hose 1.20 m for PSS Dive (vfdb)	T54042	565	1
inflator hose 0.78 m for PSS Dive (EN)	T54186	565	1



Emergency cylinder connection	T54060	565	1
Emergency cylinder 0.5 L, 200 bar, empty	T54062	565	1

Low pressure warning

Low pressure warning device	T53615	565	1
Low pressure warning device +100 (for valve position on bottom)	T54538	565	1
Protection cap	T52729	565	1
Strap for protection cap	T14094	565	1

Soft Lead

Soft Lead 1kg	T17801	504	1
Soft Lead 2kg	T17802	504	1
Soft Lead 6kg	T17803	504	1
Soft Lead 7kg	T17804	504	1

Life preserver and accessories

Life preserver	T54044	565	1
CO ₂ cartridge 56 G	T54061	565	1

Personal Protection Technology

Diving Technology

Description	Order Code	Product Category	Packing unit
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Compressed Air Cylinder

made from steel and without compressed air filling



Air Cylinder 6L/300 bar Duo valve	T54542	976	1
Air Cylinder 7L/300 bar Duo valve	T54543	976	1
Air Cylinder 10L/300 bar Duo valve	3704306	976	1
Air Cylinder 12L/200 bar Duo valve	T51264	976	1
Cylinder boot for 6L & 7L bottle	T51221	596	1
Cylinder boot for 10L & 12L bottle	T51290	596	1

Cylinder connections

Cylinder connection 140 300 Bar for cylinders 6+7 L/300 bar	T54549	976	1
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High pressure connection

Central HP connection for cylinder manifolds 140, 171 and 203	T50075	565	1
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Cylinder straps for twin-packs

Strap with middle part for twin-packs



Twin-set 140mm (6/7 L Cylinder)	T51227	504	1
Twin-set 178mm (10 L Cylinder)	T51228	504	1
Spacer for duo-cylinder	T54116	596	1
Elastic strap	T14094	493	1

Personal Protection Technology

Diving Technology

Description	Order Code	Product Category	Packing unit
Cylinder fixation straps			
Cylinder straps for single cylinder 6 L, 7 L or 10 L, 12 L	T54038	565	1
Cylinder straps for twin cylinders 6 L, 7 L or 10 L	T54039	565	1
Stopper	T54144	565	1
Cylinder protection flap	T54195	565	1

Personal Protection Technology

Diving Technology

Description	Order Code	Product Category	Packing unit
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Secor 7000

1st stages



Secor 7000, 1st stage DIN	T54513		1
Secor 7000, 1st stage INT	T54507		1

2nd stages



Secor 7000, 2nd stage, mouthpiece	Configurator T54400		1
Secor 7000, 2nd stage, full-face mask	Configurator T54400		1

Octopus



Secor 7000, Octopus, mouthpiece	Configurator T54400		1
Secor 7000, Octopus, full-face mask	Configurator T54400		1

Medium pressure hoses



MP hose CR/NR, 1310, black	T53629		1
MP hose CR/NR, 845, black	3338524		1
MP hose CR/NR, 963, black	T54206		1

Personal Protection Technology

Diving Technology

Description	Order Code	Product Category	Packing unit
MP hose, flex, 800, black	T54518		1
MP hose, flex, 900, black	T54521		1
MP hose, flex, 1000, yellow	T54522		1
Couplable hoses			
MP hose CR/NR, male connector, 243, black	T53541		1
MP hose, female connector, 650, black	3706347		1
MP hose CR/NR, male connector, 1800, black	T53686		1
MP hose CR/NR, female connector, 1195, black	T53544		1
Service Kits			
Service kit (DIN) 1st stage	T54456		1
Service kit (INT) 1st stage	T54457		1
Service kit (P-Con) 2nd stage	T54458		1
Service kit (Std) 2nd stage	T54459		1
Diaphragm and exhaust valve kit Secor 7000	T54460		1

Personal Protection Technology

Diving Technology

Description	Order Code	Product Category	Packing unit
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Finimeter & Consoles

0-300 bar (working pressure) & 0-400 bar (display range) / mineral glass / black



Finimeter.25			
Finimeter (L: 88cm)	T53701	504	1
Finimeter (L: 120cm)	T53625	596	1
Consoles			
Duo console Consists of: - Finimeter - Depth gauge (0- Point- adjustment, 0-80 m)	T53703	504	1
Console for 3 components (complete) Consists of: - Finimeter - Depth gage (0- Point- adjustment, 0-80 m) - Compass	T54301	504	1

Swivel

Swivel			
Swivel (medium pressure)	T54103	596	1
Swivel (high pressure)	T54073	596	1

Spare Parts

Spare Parts	
For the spare parts please refer to our spare parts list(s) which you receive on request:	
PSS Dive	E2234.610e

Personal Protection Technology

Diving Technology

Description	Order Code	Product Category	Packing unit
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Accessories for diving

Accessories can also be used as single unit.

Diver's communication

MK-7 Underwater communication

for PSS Dive-vfdb or EN

for a complete MK-7 following components have to be ordered:

- surface unit
- signal- and telephone cable
- diver's unit

Mask not included



Surface unit complete

MK-7 surface unit incl. headset/mic consists of

- surface unit (1x)
- headset
- transportation bag

3715820

565

1

Signal- and telephone cable



Signal-/telephone cable, sinking, 50m, yellow

3715819

565

1

Signal-/telephone cable, sinking, 100m, blue

3715818

565

1

Signal-/telephone cable, floating, 50m, yellow

3715817

565

1

Signal-/telephone cable, floating, 100m, blue

3715816

565

1

Commrope bag (for sinking & floating cables up to 60m)

3718088

565

1

Sports bag black, 75cm, Dräger branding

R53373

975

1

Diver's unit

Dynamic receiver and transmitter

microphone with push-in connection for installation in PN dive mask two bone conductive transmitters NATO stock no: 5965-12-370-2848

T54058

565

1

Receiver pouch

to attach receiver to PN dive mask NATO stock no.: 5965-12-370-2782

T54057

565

1

Personal Protection Technology

Diving Technology

Description	Order Code	Product Category	Packing unit
Surface unit			
Surface unit battery operated, connections for diver (2x), connection for headset (1x) (required for operation: 8 batteries AA type, incl. battery retainer)	3716446	565	1
Headset for controller with 2 ear-pieces and swivel-type microphone	3715821	565	1
Waist belt for surface unit	T54056	565	1

Wireless Underwater Communication

A complete Underwater diver-telephone consists of:

- surface unit
- diver's unit
- accessory



Surface Units

MilCom 6000S

(Military Diving)

- 70 watts & up to 6000 meter range
- scrambler mode
- 2 channels



On request

963

1

PowerCom 3000S

(Professional Diving)

- 25 watts & up to 3000 meter range
- 4 channels



On request

963

1

Personal Protection Technology

Diving Technology

Description	Order Code	Product Category	Packing unit
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Diver's unit

Microphone and earphone (with push in connection)
for installation in PN Dive mask

T54058

504

1

Receiver pouch (for use with full face mask)

One piece, to attach to PN Dive mask harness and transmitter
NATO Stock no. 5965-12-370-2782

T54057

504

1

MilCom 6000D

Diver transceiver, 2 channels, 70 watts



On request

963

1

PowerCom 3000D

Diver transceiver, 4 channels, 25 watts



On request

963

1

Personal Protection Technology

Diving Technology

Description	Order Code	Product Category	Packing unit
-------------	------------	------------------	--------------

Diving Suits

(Size Charts available in Military price list)

Wet Suits



Wet Suit Configurator

90% Neoprene / 10 % Nylon. Suits (5mm / 7mm): S-XXXL.
Neoprene Hood: S-XXL. Gloves: S-XXL. Boots: US 5-US 14
(Optional: Order individually or combine them)

Configurator
3723163

1



ThermoLine Wet Suit Configurator

Face: 78% Econyl® Regenerated Nylon / 22% Elastane
Back: 94% Polyester / 6% Elastane. Suit (1mm): S-XXXL
ThermoLine Hood 1mm: S-XXL. Boots: US 5-US 14
(Optional: Order individually or combine them)

Configurator
3703718

1

Dry Suits



Dry Suit Configurator

Suit: S-XXXL. Shoe/Sock: US6-US14
Neck & Wrist seal: Latex/Neoprene/Silicone. Gloves (Dry/Wet): S-XXL
Hood: S-XL. Boots: US6-US14
(Optional: Order individually or combine them)

Configurator
3723162

1



Dry Suit Undergarment Configurator

Base layer J2 (Top & Leggings)
XeroTherm Thermal base layer (Top & Leggings)
Arctic layer (Overall)
(Optional: Order individually or combine them)

Configurator
3703719

1

Personal Protection Technology

Diving Technology

Description	Order Code	Product Category	Packing unit
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Other Accessories

Diving instruments



EON Steel black computer	3723164	963	1
EON Core black computer	3723165	963	1
D5 All black computer	3723166	963	1
SK-8 Bungee compass, NH	3723167	963	1

Fins

Fins, size M	3723168	963	1
Fins, size L	3723169	963	1
Fins, size XL	3723170	963	1
Fins, size XXL	3723171	963	1

Masks



Diving mask black, one-glass mask	3716760	504	1
Diving mask black, two-glass mask	3716763	504	1
Diving mask spot check for non-magnetism - w/o certificate	3723172	963	1

Snorkel

Snorkel black	3716757	504	1
Snorkel non-magnetic	3716758	504	1

Knives

Diving knife 19,6 cm	3716759	504	1
Diving knife 25,7 cm Titan, non-magnetic (incl. Fixing material)	3716766	504	1

Torches



Diving torch 1200 Lumen	3716765	504	1
Diving torch 3500 Lumen	3716762	504	1

Personal Protection Technology

Diving Technology

Description	Order Code	Product Category	Packing unit
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Rebreather

Unlike open-circuit scuba systems (PSS Dive), which release exhaled gases into the water, rebreathers recycle the diver's breath. This not only conserves gas and extends the dive time but also reduces bubble emissions, making them ideal for stealth operations.

LAR 8000

The Dräger LAR 8000 is a rebreather for tactical diving that can be used in a closed circuit (CCR) or, for greater depths, in a semi-closed circuit (SCR). The non-magnetic rebreather is especially impressive due to its minimal breathing resistance, extremely robust design and very easy handling.



FGT 5400

The Dräger FGT 5400 MCM diving apparatus is designed with the experience of proven apparatus for military applications. In the standard operating mode Dräger FGT 5400 uses premixed gases, e. g. NATO mixtures "B", "C", or "D". The magnetic signature of the basic unit is designed according to STANAG 2897, Class A to comply with the latest requirement for MCM applications.



This portfolio is exclusively for professional and governmental diving customers and is subject to necessary export approvals. For detailed information, carrying systems and accessories, please have a look into the military diving price list

LAR 8000	Configurator T80000	562	1
FGT 5400	T15490	562	1
FGT 5400 (incl. Bypass)	T15400	562	1

Personal Protection Technology

Dräger Detergents and Disinfectants

Manual Cleaning

Suma Light D1.2	710
Neodisher MediClean Forte	710

Manual Cleaning & Disinfection

Neoform K plus	711
Suma Bac D10	711
Oxivir Excel Foam	711

Mechanical Cleaning

Suma Jade Pur-Eco L8	712
Suma Med Neutral concentrate	712
Neodisher MediClean Forte	713

Mechanical Cleaning & Disinfection

Neodisher Dekonta AF	713
Neodisher Polyklar	713

Cleaning & Disinfection Wipes

Suma Disinfection Wipes	714
Oxivir Excel Wipes	714
DaisyQuick Wipes	714

Mechanical Cleaning of Textiles

Clax Color 100	714
Clax Profi Forte	714
Clax Personril	715

Mechanical Impregnating of Textiles

Clax Proof	715
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Accessories for manual cleaning

Neomatik ZMW 1 compact	715
Neomatik ZMW 4 compact	715
Canister key	716
Drain cock	716
Measuring cup	716
Canister dosing pump 5/10L	716

Product maintenance

Silicone spray	716
Klar-Pilot gel	716
Klar-Pilot extra forte	716

Personal Protection Technology

Dräger Detergents and Disinfectants

Description	Order Code	Product Category	Selling unit	Price/ea Excl. VAT
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Dräger Detergents and Disinfectants

Detergents and disinfectants tailored to the customers needs. For manual and mechanical treatment of personal protective equipment including accessories for mechanical treatment. The cleaning and disinfecting agents are not permitted for use in every country and for every product.

Check the IFU of the product and the document 9100081 linked there for all relevant local regulations.



We offer detergents which are globally approved and tested with our PPE portfolio. Our main suppliers are Dr. Weigert and Diversey.

To sell these products, every country except for Germany and Austria must source them locally!

This is done by placing an order at the local Dr. Weigert or Diversey. The process consists of creating a local supplier in SAP and then ordering from them using the global part number of the detergent. This allows you to build up your stock and supply it.

The prices are globally agreed but names may vary due to country approvals. This allows you to build up your stock and supply it.

Manual Cleaning



Suma Light D1.2 DE and AT - all other countries source locally 1 box -> 2 canisters with 5 litres each MOQ: 2 canisters (2x 5L)	3706290	978	2	€14.38
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neodisher MediClean forte 5L DE and AT - all other countries source locally 1 box -> 1 canister with 5 litres each MOQ: 1 canister (1x 5L) Cleaning concentrate (liquid)	3706140	978	1	€50.50
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Personal Protection Technology

Dräger Detergents and Disinfectants

Description	Order Code	Product Category	Selling unit	Price/ea Excl. VAT
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Manual Cleaning & Disinfection

neoform K plus 5L

DE and AT - all other countries source locally

1 box -> 1 canister with 5 litres each

MOQ: 1 canister (1x 5L)

Disinfecting and cleaning concentrate (liquid)



	3706150	978	1	€42.25
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Suma Bac D10

DE and AT - all other countries source locally

1 box -> 2 canisters with 5 litres each

MOQ: 2 canisters (2x 5L)

Liquid, concentrated disinfectant cleaner



	3728846	978	2	€26.50
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Oxivir Excel Foam

DE and AT - all other countries source locally

1 box -> 6 spray bottles with 750 millilitres each

MOQ: 6 spray bottles (6x 750ML)



	3706134	978	6	€2.95
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Personal Protection Technology

Dräger Detergents and Disinfectants

Description	Order Code	Product Category	Selling unit	Price/ea Excl. VAT
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Mechanical Cleaning

Suma Jade Pur-Eco L8 concentrate 10L

DE and AT - all other countries source locally

1 box -> 1 canister with 10 litres each

MOQ: 1 canister (1x 10L)

Mechanical /automatic cleaning of approved

PPE in various types of cleaning machines



	3706149	978	1	€132.00
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SUMA Med Neutral concentrate 10L

DE and AT - all other countries source locally

1 box -> 2 canisters with 5 litres each

MOQ: 2 canisters (2x 5L)

Mechanical /automatic cleaning of approved

PPE in various types of cleaning machines



	3706139	978	2	€100.00
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Neodisher MediClean forte 5L

DE and AT - all other countries source locally

1 box -> 1 canister with 5 litres each

MOQ: 1 canister (1x 5L)

Cleaning concentrate (liquid)



	3706140	978	1	€50.50
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Personal Protection Technology

Dräger Detergents and Disinfectants

Description	Order Code	Product Category	Selling unit	Price/ea Excl. VAT
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Mechanical Cleaning & Disinfection

Neodisher Dekonta AF 20L

DE and AT - all other countries source locally

1 box -> 1 canister with 20 litres each

MOQ: 1 canister (1x 20L)



	3709333	978	1	€237.00
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Neodisher Dekonta AF 5L

DE and AT - all other countries source locally

1 box -> 1 canister with 5 litres each (price per canister)

MOQ: 1 canister (1x 5L)



	3706165	978	1	€63.50
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Neodisher Polyklar

DE and AT - all other countries source locally

1 box -> 1 canister with 5 litres each

MOQ: 1 canister (1x 5L)



	3706169	978	1	€82.00
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Personal Protection Technology

Dräger Detergents and Disinfectants

Description	Order Code	Product Category	Selling unit	Price/ea Excl. VAT
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Cleaning & Disinfection Wipes

Suma Disinfection Wipes

DE and AT – all other countries source locally

1 box -> 12 cans with 150 wipes each

MOQ: 12 cans (12x150 wipes)



	3706284	978	12	€17.50
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Oxivir Excel Wipes (1200 pcs.)

DE and AT - all other countries source locally

1 box -> 12 packs with 100 wipes each

MOQ: 12 packs (12x100 wipes)

Ready to use wipes for rapid surface disinfection



	3706195	978	12	€14.95
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DAISYquick wet wipes (sachet)

1 box -> 10 packs with 1 wipe each

MOQ: 10 packs (10x 1 wipe)

Very useful when masks need a quick clean,
e. g. during training session, demonstration or presentation



	R54134	978	10	€0.46
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Mechanical Cleaning of Textiles

Clax Color 100

for Prewash 20L

DE and AT - all other countries source locally



	3728836	978	1	€357.00
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Clax Profi Forte

Detergent (also suitable for hard water) 20L

DE and AT - all other countries source locally



	3728835	978	1	€346.00
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Personal Protection Technology

Dräger Detergents and Disinfectants

Description	Order Code	Product Category	Selling unit	Price/ea Excl. VAT
<p>Clax Personril Disinfection 20L DE and AT - all other countries source locally</p>	3728834	978	1	€195.00



Mechanical Impregnating of Textiles

Clax Proof
Hydrophobing agent 20L
DE and AT - all other countries source locally

	3728833	978	1	€779.00
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Accessories for manual cleaning

Neomatik ZMW 1 compact
Compact injector mixing equipment for the preparation of ready-to-use solutions of cleaning and disinfecting agents. The dosing is done by an injector according to the Venturi principle.
DE and AT - all other countries source locally

	6926963	487	1	€247.00
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Neomatik ZMW 4 compact
Compact injector mixing equipment for the production of a maximum of four different ready to- use solutions of cleaning and disinfecting agents. The selection is made via a rotary knob. The dosing is done by an injector according to the Venturi principle

	6926964	487	1	€421.00
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Personal Protection Technology

Dräger Detergents and Disinfectants

Description	Order Code	Product Category	Selling unit	Price/ea Excl. VAT
Canister key	3706161	978	1	€16.40
Drain cock	3706162	978	1	€10.95
Measuring cup	3706163	978	1	€15.25
canister dosing pump 5/10 L	3706164	978	1	€15.70



Product Maintenance

Silicone spray	1563343	978	1	€23.70
Klar-Pilot gel (50 ml) Environmentally compatible, non-hazardous detergent for all visors in the Dräger masks range. Silicone- and alcohol-free. Klar-Pilot prevents visors and mask spectacles from fogging even in case of extreme temperature differences.	R52560	978	1	€18.95
Klar-Pilot extra forte (100 ml) Anti-fog, cleaning and antistatic Additionally applicable especially for scratch-resistant coated safety goggles, visors and face shields as well as hard-coated optical glasses. Also replaces peeled-off antifog coatings on safety goggles.	3736833	978	1	€29.00
Klar-Pilot fluid (50 ml) Like Klar-Pilot gel, but as fluid, with long-term effect. Right for soaking the wiper of Panorama Nova RP	R52550	978	1	€18.95
Klar-Pilot comfort spray (15ml) Like Klar-Pilot gel, but as a spray, re-chargeable Especially for anti-scratch coated visors in the Dräger masks range; especially FPS 7000 RP	R56542	978	1	€17.05



Personal Protection Technology

Cleaning, disinfection & drying machines

Harstra spray nozzle machines	718
Harstra spray nozzle machines - Accessories	718
Harstra drying cabinets	719
Harstra drying cabinets - Accessories	719
Winterhoff drying cabinets	720
Winterhoff drying cabinets - Accessories	720
Elektrolux washing machines	720
Elektrolux washing machines - Accessories	720
Elektrolux tumble dryer	721
Accessories for washing machines	721

Personal Protection Technology

Cleaning, disinfection & drying machines

Description	Order Code	Product Category	Packing unit
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All wire baskets from the cleaning machines fit to the drying cabinets. No need to touch the cleaned items before drying.



Harstra Wash 9 / 9HP

Harstra Wash 4

Harstra Wash 6 HP

Harstra Wash 6 HP Barrier

Cleaning, disinfection & drying machines

Harstra spray nozzle machines

Harstra Wash 9	6926694	977	1
Harstra Wash 9 HP	3736603	977	1
Harstra Wash 4	6926638	977	1
Harstra Wash 6 HP	6926692	977	1
Harstra Wash 6 HP Barrier	6926693	977	1
Harstra Wash 9 US/CA	3715723	977	1
Harstra Wash 9 HP US/CA	3736597	977	1
Harstra Wash 4 US/CA	3715724	977	1
Harstra Wash 6 HP US/CA	3715725	977	1

Harstra spray nozzle machines - Accessories

Water Softener System	3722832	977	1
Salt for softener (25kg)	6920603	505	1
Stainless steel support frame for Wash9	3722845	977	1
Stainless steel support frame closed, 1 door for Wash9	3722844	977	1
Stainless steel wire basket 1/1	3722843	977	1
Stainless steel fine mesh basket 1/1	3722842	977	1
Stainless steel fine mesh basket 1/1 with 12 compartments	3722841	977	1
Stainless steel fine mesh cover for basket 1/2	3722840	977	1
Stainless steel fine mesh basket 1/2	3722839	977	1
Stainless steel fine mesh basket 1/2 with 9 compartments	3722838	977	1
Stainless steel frame in Wash4 for 4 SCBA's with cylinder	3722836	977	1
Stainless steel frame in Wash4 for 3 diving apparatus	3722835	977	1
Stainless steel frame in Wash4 for 18 breathing masks	3722834	977	1
Stainless steel frame in Wash 6 HP for 12 breathing masks	3722833	977	1
Stainless steel basket for LDV's	3736602	977	1

Personal Protection Technology

Cleaning, disinfection & drying machines

Description	Order Code	Product Category	Packing unit
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Harstra drying cabinets

Harstra drying cabinet M18	6926644	977	1
Harstra drying cabinet M45	6926645	977	1
Harstra drying cabinet M45/B	6926646	977	1
Harstra drying cabinet F12	6926695	977	1
Harstra drying cabinet M18 US/CA	3715722	977	1
Harstra drying cabinet M45 US/CA	3715721	977	1
Harstra drying cabinet F12 US/CA	3715720	977	1

Harstra drying cabinets - Accessories

Stainless steel hang-up rack for SCBA in the M45	3722830	977	1
Air inlet filter for drying cabinet type M and K, 4 pieces	3722827	977	1
Stainless steel support frame for type M45 (20 cm high)	3722826	977	1
Trolley size M45 excluding wire baskets	3722825	977	1
Trolley size M45 including wire baskets	3722824	977	1
Trolley for 12 SCBA for F12	3722823	977	1
Trolley for 6 SCBA with 4 wire baskets, for the F12	3722822	977	1
Trolley with 4 wire baskets 1/1 and 4 fine mesh baskets for F12 (incl. divider and cover)	3722821	977	1
Trolley for F12 with 8 wire baskets	3722820	977	1
Trolley for F12 with one clothing rod	3722817	977	1
Stainless steel hanger for diving apparatus	3722816	977	1

Personal Protection Technology

Cleaning, disinfection & drying machines

Description	Order Code	Product Category	Packing unit
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Winterhoff drying cabinets

Winterhoff drying cabinet MTS 2	6573050	977	1
Winterhoff drying cabinet MTS 4	6573051	977	1
Winterhoff drying cabinet MTS 6	6573052	977	1
Winterhoff drying cabinet MTS 8 SM	6573053	977	1
Winterhoff drying cabinet MTS 10 SM	6573054	977	1
Winterhoff hose drying system	6570185	977	1

Winterhoff drying cabinets - Accessories

Wire basket	on request	977	1
Second door	on request	977	1
Replacement filter for MTS 2-10	6579548	977	1



Electrolux
WH6-14



Electrolux

Electrolux washing machines

Electrolux WH6-14	7904012	977	1
Electrolux WH6-27	7904022	977	1

Electrolux washing machines - Accessories

Base for Electrolux WH6-14	7904027	977	1
Base for Electrolux WH6-27	7904029	977	1
Dosage pumps (Set of 4)	6573766	977	1

Personal Protection Technology

Cleaning, disinfection & drying machines

Description	Order Code	Product Category	Packing unit
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Electrolux
TD6-16



Electrolux
TD6-30

Electrolux tumble dryer

Electrolux TD6-16	7904015	977	1
Electrolux TD6-30	7904050	977	1

Accessories for washing machines

Washing protective bag, green, for X-plore & Panorama Nova	7904013	978	1
Washing protective bag red/green for full face mask	R61000	978	1
Washing protective bag for Mask-Helmet-Combination	R58704	978	1
Washing protective bag for CPS Hood	6570003	978	1
Support Visor CPS 7900 / 6900 series	R58157	978	1
Dosage pump system: Clax L5000 Plus 3 (for 3 detergents)	3716656	977	1
Dosage pump system: Clax L5000 Plus 5 (for 5 detergents)	3716654	977	1

CO₂-Elimination & other acid gases

Soda Lime

Drägersorb 400/400 ind/400S/400 ind S
and DiveSorb Pro/S

723

CO₂-Elimination & other acid gases

Soda Lime

Description	Order Code	Product Category	Packing unit
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Drägersorb® DiveSorb®

Drägersorb/DiveSorb is a high performance soda lime used for the absorption of acid gases, e.g. carbon dioxide. The hemispherical shape of the absorbent ensures low breathing resistance and efficient usage.

It is highly resistant to abrasion and the dust formation is very low.

Order codes marked with ** will be manufactured according to an order only.



	Colour indicator (y/n)	PSS BG4 (plus)	BG ProAir	LAR-dive-sets	Recreational/ professional diving	Deep-dive systems	Decompression chambers	(military) submarines	Industrial filter	Rescue chambers	Special applications
Drägersorb 400	N	X	X						(X)		
Drägersorb 400 & ind	Y								X	X	
Drägersorb 400 S	N								X	X	
Drägersorb 400 ind S	Y										X
BG ProAir pre-filled absorb	N		X								
R34360 CO ₂ -cartridge	N	X									
DiveSorb Pro	N			X	X						
DiveSorb Go 8000	N			8000							
DiveSorb S	N					X	X	X			
CHI6720 CO ₂ -cartridge	N							X		X	

Drägersorb 400

Absorption of CO₂ in closed and/or semi-closed breathing Apparatuses. For use with PSS BG 4 plus and BG 4.



Drägersorb 400 (4,5 kg; PE-HD canister)	6738950	912	1
Drägersorb 400 (8 kg; PE-HD canister)	6737965	912	1
Drägersorb 400 (18 kg; PE-HD canister)	6737985	912	1
Draegersorb 400 (125 kg; metals keg with PE bag)	6739454	912	1
Disposable cartridge			
Disposable CO ₂ -absorber cartridge			
for PSS BG 4 plus and BG 4	R34360	912	1
BG ProAir pre-filled absorber	3702050	912	1

CO₂-Elimination & other acid gases

Soda Lime

Description	Order Code	Product Category	Packing unit
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Drägersorb® 400 ind / 400S / 400 ind S

CO₂ absorption in industrial filter systems and rescue chambers



Drägersorb 400 ind (4,5 kg; PE-HD canister)	6737975	444	1
Drägersorb 400 ind (18 kg; PE-HD canister)	6739010	444	1
Drägersorb 400 ind (125 kg; metal keg with PE bag)	6737079	444	1
Drägersorb 400 S (18 kg; PE-HD canister)	6739000	444	1
Drägersorb 400 ind S (18 kg; PE-HD canister)	6738940	444	1
Drägersorb 400 S (132 kg; metal keg with PE bag)	3707346	444	1

DiveSorb Pro

CO₂ absorption in semi-closed circuit and closed-circuit diving sets (f.i., LAR-family)



DiveSorb Pro (4.8 kg; PE-HD canister) NATO stock no: 4240-12-348-4361	6737062	454	1
DiveSorb Pro (18 kg; PE-HD canister) NATO stock no: 4240-12-376-0682	6737109	454	1
Disposable cadridge			
DiveSorb Go 8000 (Disposable cartridge for LAR 8000)	3700230	454	1

DiveSorb S

for use in CO₂-absorption systems such as submarines and chambers.

DiveSorb S (18 kg; PE-HD canister)	6737111	454	1
Diversorb S (132 kg; metal keg with PE bag)	6532367	454	1

NATO stock no: 4240-12-362-1841

Canister key

for opening Drägersorb/DiveSorb canisters

	MX10209	268	1
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Single-use-Absorber

CO₂-absorption systems in submarines (e.g. Dräger A2000) and other applications.



	CH16720	454	1
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NATO stock no: 4240-12-162-7578

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Standard Portfolio

PE 100-TE/TW	726
Mariner 320-E	727

Mobile Bauer Compressors

COMPACT-LINE	729
PE 100-TB/TE/TW	732
PROFI-LINE II	734
PE 200/250/300-TE/TB	737
PROFI-LINE Diesel units	740

Stationary Bauer Compressors

PE 250/300-HE	743
MINI VERTICUS	745
PE 250/300-MVE	748
VERTICUS	750
PE 300/400/550/700/850-VE	753

Bauer Compressors: Further Options

Other Voltages and Frequencies	757
Documentation, Acceptance and Quality certificates	759

Mobile L&W compressors

LW 100	763
LW 300 D MC	770

Stationary L&W compressors

LW 320 E open	772
LW 320 ES silent	775
LW 450 E III open	778
LW 450 ES III silent	781
LW 570 E II open	784
LW 570 ES II silent	787

Bauer Accessories

Filling Panels B-Fill	790
Automatic selector unit	793
Bauer Control Systems	794
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L&W Accessories

Safety Filling Cabinets	800
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Maintenance Kits & Compressor oils

Maintenance Kits and Consumables	804
Maintenance Kits for Bauer filter systems	804
Compressor oil Bauer compressors	804
Compressor oil L&W compressors	804

Dräger Accessories

Dräger Air Purifier 5000	805
Dräger Air Guard 6000 Series	806
Cylinder Reservoir - Breathing Air	807
Breathing air hoses and adapters	808

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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High-Pressure Compressors Standard portfolio

The mobile and stationary Bauer compressors can each be ordered via a configurable part number. In addition, we have defined three compressors as a standard portfolio, of which we have a few units in stock.

The units cannot be equipped with further accessories.

It is possible to order an additional TÜV-approved safety valve and have it installed at the customer's site.

The standard compressor portfolio consists of the following models:

1. PE 100-TE/TW
2. Mariner 320-E

You can find the detailed description of the compressors on the following pages.

PE 100

The PE 100 is by far the smallest and lightest system of the PE series. The application possibilities are almost unlimited thanks to its different drive options.



Standard features:

- 3-cylinder, 3-stage compressor block
- Micronic intake filter
- Intercooler/aftercooler - air cooled
- Intermediate separators after each stage (except 1st stage)
- Final separator for oil/water condensate
- Intermediate pressure safety valves after every compressor stage
- Oil lubrication
- Pressure retention valve/check valve after final compressor stage
- three-phase/alternating current
- supplied with motor circuit-breaker and connecting cable
- Base frame, carrying handle and frame connections are made from paint-finished powder-coated steel.
- P11 filter system with TRIPLEX long-life filter cartridge
- PN 300 bar filling device
- 1 filling hose, 1 m long
- 1 filling valve 300 bar, with automatic bleed and pressure gauge; G 5/8" threaded connection, to DIN EN 144-2
- Operating instructions complete with spare parts list, CE declaration of conformity, pressure vessel certificates

PE 100-TE PN 330 bar With 400 V / 50 Hz three phase current motor	6534538	532	1
PE 100-TW PN 330 bar With 230 V / 50 Hz alternating current motor	6534536	532	1

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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Mariner 320-E

The powerful mobile compressor for breathing air with integrated fall frame is suitable for short-term running as well as continuous operation.



Standard features:

- Compressor block 3 cylinders, 4-stage
- Micronic intake filter
- Intercooler/aftercooler - air cooled
- Intermediate/final separator for oil/water condensate
- Intermediate pressure safety valves after every compressor stage
- Oil lubrication
- Pressure retention valve/check valve after final compressor stage
- Three-phase motor
- Motor circuit-breaker and connecting cable
- Vibration-optimized support frame
- P31 filter system
- Switching device PN 200/300 bar
- 2x PN 200 and 2x PN 300 bar filling device, each with 1 filling hose, 1 m long, with automatic bleed and pressure gauge; G5/8" threaded connection, to DIN EN 144-2
- Operating instructions complete with spare parts list, CE declaration of conformity, pressure vessel certificates

Mariner 320-E 225/330 bar Incl. Switch over device With 400 V / 50 Hz three phase current motor	6531106	532	1
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High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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High-Pressure Compressors Mobile Bauer Compressors

The mobile Bauer breathing air compressors generate air delivery rates between 100 and 320 l/m. The low weight and the different drive types allow flexible use regardless of the ambient conditions.

Bauer is one of the world's leading manufacturers of breathing air compressors for high and medium pressure systems for compressing breathing air. With over 75 years of experience in development and production, Bauer is a reliable partner for pure and safe breathing air for every sector in which breathing air cylinders have to be filled, such as firefighting, diving and industry.

The mobile Bauer compressors include:

- COMPACT-LINE (Junior II-B/E/W, Oceanus B/E/W)
- PE 100-TB/TE/TW
- PROFI-LINE II (Capitano B/E, Mariner 200/250/320-B/E)
- PE 200/250/300-TE/TB
- PROFI-LINE Diesel units



All models can be ordered via the configurable part number:

Mobile Bauer Compressors	3725548	532	1
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The prices for the various compressors and additional equipment options can be found on the following pages.

The maintenance kits and consumables for the individual models can be found in the Maintenance & Consumables chapter. For spare parts recommendations, please refer to the recommended spare parts lists in D-World or Service Connect.

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

1. Compact-Line

- 100 – 140 l/min | 90 – 330 bar
- Compact Dimensions
- Low Weight
- B-TIMER for Cartridge Lifetime Monitoring



Mobile Bauer Compressors	3725548	532	1	see configuration
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Type	Charging Rate ¹		Operating Pressure max.		Purification system	Drive und Motor Power		Number of Stages	Speed	Net Weight approx.	Dimensions L x W x H
	l/min	cfm	bar.	psig		Motor	kW					rpm	kg	cm
JUNIOR II-B	100	3.5	330	4780	P21	Petrol engine 4-stroke	4.2	3	2,300	44	79 x 37 x 44
JUNIOR II-E	100	3.5	330	4780	P21	Three-phase 400 V, 50 Hz ²	2.2	3	2,300	46	69 x 39 x 44
JUNIOR II-W	100	3.5	330	4780	P21	Single-phase 230 V, 50 Hz ^{3,4}	2.2	3	2,300	46	69 x 40 x 44
OCEANUS-B	140	5	330	4780	P21	Petrol engine 4-Takt	5.1	3	2,300	47	77 x 38 x 44
OCEANUS-E	140	5	330	4780	P21	Three-phase 400 V, 50 Hz ²	3	3	2,300	52	69 x 44 x 44
OCEANUS-W	140	5	330	4780	P21	Single-phase 230 V, 50 Hz ^{3,4}	3	3	2,300	52	69 x 49 x 44

¹ Measured by tank filling (10 l) from 0 - 200 bar/ 2900 psig, ± 5%.

² Plug dimension: Motor protection plug 16 A.

³ Plug dimension: Schuko-plug. Plug only for units with 230 V / 50 Hz. OCEANUS-W without plug.

⁴ With integrated motor protection switch (only for 220/230/240 V).

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Mobile Bauer Compressors	3725548	532	1	see configuration
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		Junior II-B	Junior II-W	Junior II-E	Oceanus-B	Oceanus-W	Oceanus-E
	Charging rate (l/min.)	100	100	100	140	140	140
	Block type	Junior II	Junior II	Junior II	Oceanus	Oceanus	Oceanus
	Tank fills per h approx.(10 l / 0-200	3	3	3	3	4	4
	Operating pressure max. (bar) ¹	330	330	330	330	330	330
Options		Additional Costs in € / Unit					
Design	Mobile / transportable	.	.	.	.	.	.
Trolley	Trolley						
Filling pressure (selectable)	Filling pressure 225 bar (PN 200)	.	.	.	.	.	.
	Filling pressure 330 bar (PN 300)	.	.	.	.	.	.
Drive motor	3-phase motor	-	-	.	-	-	.
	1-phase motor	-	.	-	-	.	-
	Petrol engine	.	-	-	.	-	-
	Petrol engine with charging coil ⁶		-	-		-	-
Voltage/ frequency	Operating voltage 400 VAC/50 Hz	-	-	.	-	-	.
	Operating voltage 230 VAC/50 Hz	-	.	-	-	.	-
Paint finish	CYAN / RAL 7024	.	.	.	.	.	.
	Different paint	o	o	o	o	o	o
Frame material	Steel	.	.	.	-	.	-
	Stainless steel				.	.	.
Frame version	Carrying frame	.	-	.	-	.	-
Inlet air	Air intake telescope	.	-	-	.	-	-
	Intake manifold (for B-versions incl. 3m hose)						
	Intake filter cartridge	.	.	.	.	.	.
Control and condensate drain	Motor protection switch	-	.	.	-	.	.
	Start / stop switch and cable	-	.	.	-	. ³	.
	Manual condensate drain	.	.	.	.	.	.
	Automatic condensate drain and switch off at final pressure, 1 pressure range						
	Automatic condensate drain and switch off at final pressure, 2 pressure ranges						
	Condensate tank (only available with automatic condensate drain)						

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Mobile Bauer Compressors	3725548	532	1	see configuration
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Options		Additional Costs in € / Unit					
Air purification	Purification system P21 incl. pressure maintaining valve and final safety valve	•	•	•	•	•	•
	B-Timer	•	•	•	•	•	•
Filling devices	Filling device 1 x 200 bar or 1 x 300 bar	•	•	•	•	•	•
	Filling device 2 x 200 bar						
	Filling device 2 x 300 bar						
	Filling device 1 x 300 / 1 x 200 bar (switch over device)						

- 1 Pressure setting safety valve; cut-out pressure at least 10 bar lower.
- 2 Including electrical control with ON/OFF switch. Electrical control and automatic condensate drain system can be delivered only as a whole according to the European CE standards.
- 3 OCEANUS-W without plug.
- 4 Only for voltage range 220/230/240V.
- 5 Standard for 380-440V. For 220-240V add. charge of 270 €
- 6 For later retrofitting of an automatic condensate drain.
- 7 Incl. petrol engine with charging coil. If charging coil already exists, the price is only 1,140€ or 1,310€ (1 or 2 pressure ranges).

Key to symbols: • Included in standard scope of supply. ◦ Optional, available at additional charge. - not available.

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

2. PE 100

- 100 l/min | 225 – 330 bar
- Compact Dimensions
- Low Weight
- Portable



Mobile Bauer Compressors	3725548	532	1	see configuration
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Type	Charging Rate ¹		Operating Pressure max.		Purification system	Drive und Motor Power		Number of Stages	Speed	Net Weight approx.	Dimensions L x W x H
	l/min	cfm	bar.	psig		Motor	kW					rpm	kg	cm
PE100-TB	100	3.5	330	4780	P11	Petrol engine 4-stroke	4.2	3	2,300	42	74 x 34 x 42
PE100-TE	100	3.5	330	4780	P11	Three-phase 400 V, 50 Hz	2.2	3	2,300	44	66 x 35 x 42
PE100-TW	100	3.5	330	4780	P11	Single-phase 230 V, 50 Hz ^{3,4}	2.2	3	2,300	44	66 x 35 x 42

1 Measured by tank filling (10 l) from 0 - 200 bar/ 2900 psig, ± 5%.

2 Filling valve without automatic vent including adapter for connecting adapters cartridges.

3 Plug dimension: Schuko-plug. Plug only for units with 230 V / 50 Hz.

4 With integrated motor protection switch (only for 220/230/240 V).

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Mobile Bauer Compressors	3725548	532	1	see configuration
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		PE 100-TB	PE 100-TW	PE 100-TE
	Charging rate (l/min.)	100	100	100
	Block type	Junior II	Junior II	Junior II
	Tank fills per h approx.(10 l / 0-200 bar)	3	3	3
	Operating pressure max. (bar) ¹	330	330	330
Options		Additional Costs in € / Unit		
Design	Mobile / transportable	•	•	•
Trolley	Trolley			
Noise level	Open	•	•	•
Filling pressure (bar) (selectable)	Filling pressure 225 bar (PN 200)	•	•	•
	Filling pressure 330 bar (PN 300)	•	•	•
Drive motor	3-phase motor	-	-	•
	1-phase motor	-	•	-
	Petrol engine	•	-	-
Voltage/ frequency	Operating voltage 400 VAC/50 Hz	-	-	•
	Different operating voltage / frequency	See page 776		
Inlet air	Air intake	•	-	-
	Intake manifold (for units with petrol engine incl. 3m hose)			
	Intake filter cartridge	•	•	•
Control	Motor protection switch (incl. cable and plug)	-	• ²	
	Without compressor control	•	•	•
Condensate drain	Manual condensate drain	•	•	•
Air purification	Purification system P11 incl. pressure maintaining valve and final safety valve	•	•	•
Filling devices	Filling device 1 x 200 bar or 1 x 300 bar	•	•	•

¹ Pressure setting safety valve; cut-out pressure at least 10 bar lower.

² Plug only for units with 230 V / 50 Hz.

Key to symbols: • Included in standard scope of supply. ◦ Optional, available at additional charge. - not available.

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

3. Profi-Line II

- 140 – 320 l/min | 90 – 420 bar
- Durable and Robust
- Super Lightweight Aluminium Chassis
- Integrated Engine Rocker



Mobile Bauer Compressors

3725548

532

1

see
configuration

PROFI-LINE II up to 350 bar

Type	Charging Rate ¹		Operating Pressure max.		Purification system	Drive und Motor Power		Number of Stages	Speed	Net Weight approx.	Dimensions L x W x H
	l/min	cfm	bar.	psig		Motor	kW					rpm	kg	cm
CAPITANO 140-B	140	5	350	5000	P21	Petrol engine 4-stroke	4,0	3	1,300	95	115 x 59 x 55
CAPITANO 140-E	140	5	350	5000	P21	Three-phase 400 V, 50 Hz ²	3,0	3	1,300	102	115 x 59 x 55
MARINER 200-B	200	7	350	5000	P21	Petrol engine 4-stroke	6,6	3	1,250	115	130 x 62 x 63
MARINER 200-E	200	7	350	5000	P21	Three-phase 400 V, 50 Hz ²	4,0	3	1,250	115	130 x 62 x 63
MARINER 250-B	250	9	350	5000	P31	Petrol engine 4-stroke	6,6	3	1,450	120	130 x 62 x 64
MARINER 250-E	250	9	350	5000	P31	Three-phase 400 V, 50 Hz ²	5,5	3	1,450	135	130 x 62 x 64
MARINER 320-B	320	11.5	350	5000	P31	Petrol engine 4-stroke	8,8	4	1,450	138	130 x 65 x 70
MARINER 320-E	320	11.5	350	5000	P31	Three-phase 400 V, 50 Hz ²	7,5	4	1,450	154	130 x 65 x 70

PROFI-LINE II up to 420 bar

Type	Charging Rate ¹		Operating Pressure max.		Purification system	Drive und Motor Power		Number of Stages	Speed	Net Weight approx.	Dimensions L x W x H
	l/min	cfm	bar.	psig		Motor	kW					rpm	kg	cm
MARINER 200/420-E	200	7	420	6000	P41/420	Three-phase 400 V, 50 Hz ²	5.5	3	1,250	185	130 x 65 x 81
MARINER 250/420-E	250	9	420	6000	P41/420	Three-phase 400 V, 50 Hz ²	5.5	3	1,450	185	130 x 65 x 81
MARINER 320-B	320	11.5	420	6000	P41/420	Petrol engine 4-stroke	8,8	4	1,450	145	130 x 65 x 81
MARINER 320-E	320	11.5	420	6000	P41/420	Three-phase 400 V, 50 Hz ²	7,5	4	1,450	165	130 x 65 x 81

¹ Measured by tank filling (10 l) from 0 - 200 bar/ 2900 psig, ± 5%.

² Plug dimension for unit with control systems: 16 A.

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Mobile Bauer Compressors	3725548	532	1	see configuration
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		Capitano 140-B	Capitano 140-E	Mariner 200 -B	Mariner 200 (420)-E	Mariner 250-B	Mariner 250 (420)-E	Mariner 320-B	Mariner 320-E
	Charging rate (l/min.)	140	140	200	200	250	250	320	320
	Block type	IK 100	IK 100	IK 120	IK 120	IK 120	IK 120	IK 12.14	IK 12.14
	Tank fills per h approx.(10 l / 0-200)	4	4	6	6	8	8	10	10
	Operating pressure max. (bar) ¹	350	350	350	420	350	420	420	420
Options		Additional Costs in € / Unit							
Trolley	Trolley								
Filling pressure	Filling pressure 225 or 330 bar	•	•	•	•	•	•	•	•
	Filling pressure 420 bar	-	-	-	◦	-	◦	◦	◦
Drive motor	3-phase motor	-	•	-	•	-	•	-	•
	Petrol engine	•	-	•	-	•	-	•	-
Voltage/frequency	Operating voltage 400 V/50	-	•	-	•	-	•	-	•
	Different operating voltage / frequency	-	◦	-	◦	-	◦	-	◦
Paint finish	RAL7024 / CYAN	•	•	•	•	•	•	•	•
	Different paint	◦	◦	◦	◦	◦	◦	◦	◦
Frame version	Crash frame (necessary for options)			•	•	•	•	•	•
	Carrying frame	•	•	•	•	•	•	•	•
Inlet air	Air intake telescope					-	-	-	-
	Intake hose (3 m)	•	-	•	-	•	-	•	-
Control, condensate drain and monitoring	Motor protection switch incl. connection cable (direct start) ⁹		•		•		•		• ⁸
	No compressor control	•	•	•	•	•	•	•	•
	Manual condensate drain	•	•	•	•	•	•	•	•
	Compressor control incl. final pressure switch off, autom. condensate drain, 10 l tank (half auto) ^{7,10}								
	Compressor control incl. final pressure switch off, autom. condensate drain, 10 l tank (full auto) ^{6,10}	-	-	-	-	-	-	-	-
	Add. price for autom. condensate drain when separator after 1st. stage	-	-						

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Mobile Bauer Compressors	3725548	532	1	see configuration
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Air purification	Separator after 1st. stage	-	-						
	B-KOOL (stand-alone) ³	-	-	-		-		-	
	B-KOOL mounting kit (necessary!)	-	-	-		-		-	
	Purification system P21	•	•	•	• ²	-	-	-	-
	Purification system P31					•	• ²	• ²	• ²
	Purification system P41	-	-						
	SECURUS-Monitoring ³	-	-	-		-		-	
	B-TIMER (not possible when SECURUS is used, upgrade possible)								
Filling devices	Filling device 1 x 200 or 300 bar	•	•	-	-	-	-	-	-
	Filling device 2 x 200 bar			• ⁵	• ^{2,5}	• ⁵	• ^{2,5}	-	-
	Filling device 4 x 200 bar	-	-					• ^{2,5}	• ^{2,5}
	Filling device 2 x 300 bar			• ⁵	• ^{2,5}	• ⁵	• ^{2,5}		
	Filling device 4 x 300 bar	-	-					• ^{2,5}	• ^{2,5}
	Filling device 1x300/1x200bar (SOD) ⁶							-	-
	Filling device 2x300/2x200bar (SOD) ⁶	-	-						

1 Pressure setting safety valve; cut-out pressure at least 10 bar lower.

2 420 bar version: Purification system P41/420 as standard, B-TIMER not available, no filling device.

3 Only available for purification system P41 and control.

4 MARINER 320 with SECURUS: Hour meter instead of B-TIMER.

5 MARINER 200 & 250 (& 320): Filling device 2 (4) x 200 bar or 2 (4) x 300 bar selectable without extra charge.

6 Fully automatic operation: is possible with P21, P31, P41 (whatever selectable); SOD only in combination with half automatic operation (independent from filter system type).

7 Petrol version without compressor control

8 CEE plug 32A

9 Within the EU, star-delta approach is necessary → use option compressor control with star/delta start-up

10 Compressor control includes star/delta start-up.

Key to symbols: • Included in standard scope of supply. ◦ Optional, available at additional charge. - not available.

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

4. PE-TE/TB

- 200 – 300 l/min | 225 – 330 bar
- 3-Stage Units
- Simple Carrying Frame



Mobile Bauer Compressors	3725548	532	1	see configuration
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Type	Charging Rate ¹		Operating Pressure max.		Purification system	Drive und Motor Power		Number of Stages	Speed	Net Weight approx.	Dimensions L x W x H
	l/min	cfm	bar.	psig		Motor	kW					rpm	kg	cm
PE200-TE	200	7	330	4780	P21	Three-phase 400 V, 50 Hz ²	4,0	3	1,250	120	110 x 51.5 x 57
PE200-TB	200	7	330	4780	P21	petrol engine	6.6	3	1,250	130	130 x 59 x 66
PE250-TE	250	9	330	4780	P21	Three-phase 400 V, 50 Hz ²	5.5	3	1,450	130	110 x 51.5 x 57
PE250-TB	250	9	330	4780	P31	petrol engine	6.6	3	1,450	135	130 x 59 x 66
PE300-TE	300	10	330	4780	P21	Three-phase 400 V, 50 Hz ²	7.5	3	1,800	140	110 x 56 x 57
PE300-TB	300	10	330	4780	P31	petrol engine	8.7	3	1,800	145	130 x 59 x 66

¹ Measured by tank filling (10 l) from 0 - 200 bar/ 2900 psig, ± 5%.

² Plug dimension for unit with control systems: 16 A. Standard scope of supply without plug.

³ Dimensions with carrying handles PE200-TB: 130 x 59 x 57 cm; PE250/300-TB: 130 x 59 x 65 cm.

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Mobile Bauer Compressors	3725548	532	1	see configuration
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PE 200-TE PE 200-TB PE 250-TE PE 250-TB PE 300-TE PE 300-TB

		PE 200-TE	PE 200-TB	PE 250-TE	PE 250-TB	PE 300-TE	PE 300-TB
	Tank fills per h approx.(10 l / 0-200 bar)	200	200	250	250	300	300
	Block type	IK 120	IK 120	IK 120	IK 120	IK 120	IK 120
	Charging rate (l/min.)	6	6	8	8	9	9
	Operating pressure max. (bar) ¹	330	330	330	330	330	330
Options		Additional Costs in € / Unit					
Design	Mobile / transportable	•	•	•	•	•	•
Mobility	Carrying handles ⁵	•		•		•	
	Trolley ⁵	-		-		-	
Noise level	Open	•	•	•	•	•	•
Filling pressure (selectable)	Filling pressure 225 bar (PN 200)	•	•	•	•	•	•
	Filling pressure 330 bar (PN 300)	•	•	•	•	•	•
Drive motor	3-Phase motor	•	-	•	-	•	-
	Petrol engine	-	•	-	•	-	•
Voltage/frequency	Operating voltage 400 V / 50 Hz	•	-	•	-	•	-
	Different operating voltage / frequency ⁴	◦	-	◦	-	◦	-
Control, condensate drain and monitoring	Without compressor control ⁷	•	•	•	•	•	•
	Manual condensate drain	•	•	•	•	•	•
	Motor protection switch, including cable. Direct start. ⁷		-		-		-
	Control box with Star/delta starting, including cable, motor protection, without automatic condensate drain and without final pressure switch-off.		-		-		-
	Conventional hardwired-control, including automatic condensate drain system and final pressure switch-off (semi-automatic), rotary field monitoring, motor protection, star/delta starting.		-		-		-
	Automatic condensate drain system, final pressure switch off	-		-		-	
Air purification	Condensate collecting tank 10 l						
	B-SECURUS monitoring (signal unit) ²	-	-	-	-	-	-
	B-TIMER (not available if SECURUS is installed, retrofitting possible)						
	Purification system P21	•	•	•	-	•	-
	Purification system P31	-			•		•
Purification system P41	-	-					

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Mobile Bauer Compressors	3725548	532	1	see configuration
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Filling devices	Filling device 1 x 200 bar or 1 x 300 bar
	Filling device 2 x 200 bar						
	Filling device 2 x 300 bar						
	Filling device 1 x 300/1 x 200 bar (switchover) ³						

1 Pressure setting safety valve; cut-out pressure at least 10 bar lower.

2 Only available for P41 purification system and compressor control. No simultaneous ordering of the B-TIMER possible!

3 Not available for electro-units with P31 and P41 purification system.

4 Units of the PE-TE and PE-HE range with compressor control can only be ordered for a voltage range from 220-240 V and 380-440 V.

5 If you select "P41" and/or "Trolley", "carrying handles" must be ordered with them.

6 CEE plug 32A

7 Star-delta starting is required within the EU. Use option compressor control with star/delta start.

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

5. Profi-Line Diesel units

- 140 – 170 l/min | 225 – 330 bar
- 3-Stage Units
- For Harshesht Weather Conditions
- Designed for Location-Independent Use



Mobile Bauer Compressors	3725548	532	1	see configuration
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Type	Charging Rate ¹		Operating Pressure max.		Purification system	Drive und Motor Power		Number of Stages	Speed	Net Weight approx.	Dimensions L x W x H
	l/min	cfm	bar.	psig		Motor	kW				
CAPITANO II-D	140	5	330	4780	P21	Diesel engine	5.0	3	1,300	158	110 x 58 x 62.5
MARINER II-D	170	6	330	4780	P21		5.0	3	1,130	158	110 x 58 x 62.5
Mariner 320-D	320	11,3	330	4780	P31		7,9	4	1,450	300	130 x 60 x 72,5

		CAPITANO II-D	MARINER II-D	Mariner 320-D
Block type		IK 100	IK 120	IK 12.14
Tank fills per h approx.(10 l / 0-200 bar)		4	5	10
Options	Additional Costs in € / Unit			
Design	Mobile / transportable	•	•	•
Trolley	Trolley			-
Noise level	Open	•	•	-
Filling pressure (selectable)	Filling pressure 225 bar (PN 200)	•	•	-
	Filling pressure 330 bar (PN 300)	•	•	-
Drive motor	Diesel engine	•	•	-
Paint finish	RAL 5010	•	•	•
	RAL 7024	-	-	•
	Different paint	◦	◦	•
Frame material	Steel	•	•	•
Frame version	Crash frame incl. fold-out carrying handles	•	•	-
	Crash frame incl. cut-outs in the frame for shackles, slings and ropes /	-	-	•
	Feet fitting for forklift truck	-	-	-
	Centring plates for stacking up to 2 units (storage)	-	-	-
Inlet air	Air intake telescope			-
	Intake hose (3 m)	•	•	•
Condensate drain	Manual condensate drain	•	•	•
	B-Drain incl- compressor control, e-start diesel engine, operating hours counter and final pressure switch off	-	-	-
Air purification	Additional separator after 1st stage	-	-	-
	Purification system P21	•	•	-
	Purification system P31	-	-	•
	Purification system P41	-	-	-
	B-TIMER			-
	B-SECURUS Monitoring unit	-	-	•

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Mobile Bauer Compressors	3725548	532	1	see configuration
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		CAPITANO II-D	MARINER II-D	Mariner 320-D
	Block type	IK 100	IK 120	IK 12.14
	Tank fills per h approx.(10 l / 0-200 bar)	4	5	10
Options		Additional Costs in € / Unit		
Filling devices	Filling device 1 x 200 bar or 1 x 300 bar	-	-	-
	Filling device 2 x 200 bar	-	• 2	• 2
	Filling device 2 x 300 bar	-	• 2	• 2
	Filling device 4 x 200 bar	-	-	-
	Filling device 4 x 300 bar	-	-	-
	Switchover device 1x 300/1x 200 bar	-	-	-
	Switchover device 2x 300/2x 200 bar ³	-	-	-

1 Pressure setting safety valve; cut-out pressure at least 10 bar lower.

2 MARINERII-D: filling device 2 x 200 bar or 2 x 300 bar selectable.

3 Two pressure ranges only in combination with semi-automatic operation

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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High-Pressure Compressors Stationary Bauer Compressors

The stationary Bauer breathing air compressors generate air delivery rates between 150 and 850 l/min. The various models of the Poseidon and Premium Edition can be optimally adapted to your needs through a large selection of additional equipment options.

Bauer is one of the world's leading manufacturers of breathing air compressors for high and medium pressure systems for compressing breathing air. With over 60 years of experience in development and production, Bauer is a reliable partner for pure and safe breathing air for every sector in which breathing air cylinders have to be filled, such as firefighting, diving and industry.



The stationary Bauer compressors include:

1. PE 250/300-HE
2. MINI VERTICUS
3. PE 250/300-MVE
4. VERTICUS
5. PE 300/400/550/700/850-VE

All models can be ordered via the configurable part number.

These accessories are also available via the configurator:

- Automatic selector unit (add page)
- External display (add page)

Advantage to order them as part of the configuration: They are orderable to be direct electrically connected to the compressor.

Stationary Bauer Compressors	3726182	532	1
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The prices for the various compressors and additional equipment options can be found on the following pages.

The maintenance kits and consumables for the individual models can be found in the Maintenance & Consumables chapter. For spare parts recommendations, please refer to the recommended spare parts lists in D-World or Service Connect.

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

1. PE-HE

- 250 – 300 l/min | 225 – 330 bar
- Compact Unit with Small Footprint
- Horizontal Design
- Semi-Automatic Compressor Control



Stationary Bauer Compressors	3726182	532	1	see configuration
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Type	Charging Rate ¹		Operating Pressure max.		Purification system	Drive und Motor Power		Number of Stages	Speed	Net Weight approx.	Dimensions L x W x H
	l/min	cfm	bar.	psig		Motor	kW				
PE250-HE	250	9	330	4780	P31	Three-phase 400V, 50 Hz ²	5.5	3	1,450	220	110 x 69 x 99
PE300-HE	300	10	330	4780	P31	Three-phase 400V, 50 Hz ²	7.5	3	1,800	230	110 x 69 x 99

¹ Measured by cylinder filling (10 l) from 0 - 200 bar/ 2900 psig, ± 5%.

² Plug dimension: 16 A.

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Stationary Bauer Compressors	3726182	532	1	see configuration
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		PE 250- HE	PE 300- HE
	Charging rate (l/min.)	250	300
	Block type	IK 120	IK 120
	Cylinder fills per h approx.(10 l / 0-200 bar)	8	9
	Operating pressure max. (bar) ¹	350	350
Options	Additional Costs in € / Unit		
Design	Stationary	•	•
Noise level	Open	•	•
Filling pressure (selectable)	Filling pressure 225 bar (PN 200)	•	•
	Filling pressure 330 bar (PN 300)	•	•
Drive motor	3-Phase motor	•	•
Voltage/ frequency	Operating voltage 400 V / 50 Hz	•	•
	Different voltage / frequency	See separate pricelist	
Control	Compressor control (BHW) semi-automatic (incl. final pressure switch off)	•	•
Condensate drain	Automatic condensate drain	•	•
	Condensate collecting tank 10 l	•	•
Monitoring	Final pressure	•	•
	Rotary field monitoring	•	•
Air purification	SECURUS monitoring 2		
	B-TIMER		
	Purification system P31	•	•
	Purification system P41		
Filling devices	Without filling devices	•	•
	Filling device 2 x 200 bar (hose connections)		
	Filling device 2 x 300 bar (hose connections)		
	Filling device 4 x 200 bar (hose connections)		
	Filling device 4 x 300 bar (hose connections)		
	Filling device 2 x 200 bar / 2 x 300 bar with pressure reducer (hose connections)		
	Filling device 4 x 200 bar (direct connections)		
	Filling device 4 x 300 bar (direct connections)		
Filling device 2 x 200 bar / 2 x 300 bar with pressure reducer (direct connections)			

¹ Pressure setting safety valve; cut-out pressure at least 10 bar lower.

² Only in conjunction with purification system P41.

³ Units of the PE-TE and PE-HE range with compressor control can only be ordered for a voltage range from 220-240 V and 380-440 V

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

2. Mini Verticus

- 150 – 320 l/min | 90 – 420 bar
- Vertical Design
- Optional Super Silent Housing
- B-CONTROL MICRO Compressor Control



Stationary Bauer Compressors	3726182	532	1	see configuration
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Mini-Verticus up to 350 bar:

Type	Charging Rate ¹		Operating Pressure max.		Purification system	Drive und Motor Power		Number of Stages	Speed	Net Weight approx.	Dimensions L x W x H
	l/min	cfm	bar.	psig		Motor	kW				
MV150	150	5.3	350	5000	P41	Three-phase 400 V, 50 Hz ⁴	4	3	1,340	324	119.5 x 79 x 137.2
MV200	200	7	350	5000	P41	Three-phase 400 V, 50 Hz ⁴	4	3	1,270	324	119.5 x 79 x 137.2
MV250	250	9	350	5000	P41	Three-phase 400 V, 50 Hz ⁴	5.5	3	1,470	333	119.5 x 79 x 137.2
MV320	320	11.5	350	5000	P41	Three-phase 400 V, 50 Hz ⁴	7.5	4	1,450	350	119.5 x 79 x 137.2

Mini-Verticus up to 420 bar:

Type	Charging Rate ¹		Operating Pressure max.		Purification system	Drive und Motor Power		Number of Stages	Speed	Net Weight approx.	Dimensions L x W x H
	l/min	cfm	bar.	psig		Motor	kW				
MV200/420	200	7	420	6000	P41/420	400 V/50 Hz ⁴	5.5	3	1,270	330	119.5 x 79 x 137.2
MV250/420	250	9	420	6000	P41/420	400 V/50 Hz ⁴	5.5	3	1,470	339	119.5 x 79 x 137.2
MV320/420	320	11.5	420	6000	P41/420	Three-phase 400V, 50 Hz ⁴	7.5	4	1,450	356	119.5 x 79 x 137.2

¹ Measured by tank filling (10 l) from 0 - 200 bar/ 2900 psig, ±5%.

² Super Silent executions weight 50 kg more.

³ Dimensions without side doors. Dimensions Super Silent version: 137.5 x 80.2 x 137.2 cm

⁴ Plug dimension: 16 A.

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Stationary Bauer Compressors	3726182	532	1	see configuration
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	MV150	MV200	MV250	MV320	MV200/ 420 bar	MV250/ 420 bar	MV260/ 420 bar	MV320/ 420 bar
								
Charging rate (l/min.)	150	200	250	320	200	250	420	320
Block type	IK 100	IK 120	IK 120	IK 12.14	IK 120	IK 120	IK 12.14	IK 12.14
Tank fills per h approx. (10 l / 0-200)	4	6	8	10	6	8	8	10
Operating pressure max. (bar) ¹	350	350	350	350	420	420	420	420
Options	Additional Costs in € / Unit							
Noise level	Open	•	•	•	•	•	•	•
	Super Silent							
Filling pressure (bar) (selectable) ¹	225 bar, 330 bar or 350 bar	•	•	•	•	-	-	-
	420 bar	-	-	-	-	•	•	•
	Safety valve with TÜV setting							
Voltage/frequency	Operating voltage 400 V/50	•	•	•	•	•	•	•
	Different operating voltage / frequency	See separate pricelist						
Paint finish	CYAN / RAL 9006	•	•	•	•	•	•	•
	Different paint	◦	◦	◦	◦	◦	◦	◦
Inlet and exhaust air	External air intake over roof ^{2,3}							
	Exhaust air duct ^{2,6}							
	Exhaust air duct with cover ^{2,6}							
Control	Compressor control B-CONTROL MICRO + Net	•	•	•	•	•	•	•
	Compressor control B-CONTROL II							
	B-LINK ⁵							
	B-LINK 4G ⁵							
	SD card display unit ⁵							
Monitoring	Intermediate pressure gauges	•	•	•	•	•	•	•
	Oil pressure	•	•	•	•	•	•	•
	Final pressure	•	•	•	•	•	•	•
	Cooling air temperature	•	•	•	•	•	•	•
	Temperature last stage	•	•	•	•	•	•	•
	Intermediate pressure, temperature all stages	◦	◦	◦	◦	◦	◦	◦
	Hysteresis (adjustable)	•	•	•	•	•	•	•
	Condensate tank level (integrated)	•	•	•	•	•	•	•
	Oil level							

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Stationary Bauer Compressors	3726182	532	1	see configuration
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Condensate drain	Condensate drain system B-DRAIN	•	•	•	•	•	•	•	•
	Condensate collecting tank 14 l (integrated)	•	•	•	•	•	•	•	•
	Condensate collecting tank 60 l (external)								
Air purification	Separator after 1st stage	-							
	B-KOOL II 680i, integrated	-							
	B-KOOL 680s, stand-alone	-							
	B-KOOL II integrated, mounting kit (necessary!), up to 350 bar	-							
	B-KOOL II integrated, mounting kit (necessary!), 420 bar	-							
	B-KOOL stand-alone mounting kit (necessary), up to 350 bar	-							
	B-KOOL stand-alone mounting kit (necessary), 420 bar	-							
	Purification system P41	•	•	•	•	•	•	•	•
	Purification system P61								
	B-SECURUS monitoring								
Particle filter (ISO 8573:2010 class 2)									
Integrated storage	Extended base frame ^{4,6}								
Filling devices	Without filling devices	•	•	•	•	•	•	•	•
	Filling devices 4 x 200 bar (hoses)					-	-	-	-
	Filling devices 4 x 300 bar (hoses)					-	-	-	-
	Filling devices 2 x 300 / 2 x 200 bar (pressure reducer) (hoses)					-	-	-	-

1 Pressure setting safety valve; cut-out pressure at least 10 bar lower.

2 Only available for Super Silent version.

3 When using an external air inlet over roof the charging rate of the compressor may slightly reduce.

4 Necessary for storage integration.

5 Only possible with B-CONTROL MICRO.

6 Exhaust duct and extended base frame not possible at the same time.

Key to symbols: • Included in standard scope of supply. ◦ Optional, available at additional charge. – not available

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

3. PE-MVE

- 250 – 300 l/min | 225 – 420 bar
- Compact Unit with Small Footprint
- Silent Housing as Standard
- Simple Compressor Control



Stationary Bauer Compressors	3726182	532	1	see configuration
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PE-MVE up to 350 bar:

Type	Charging Rate ¹		Operating Pressure max.		Purification system	Drive und Motor Power		Number of Stages	Speed	Net Weight approx.	
	l/min	cfm	bar.	psig		Motor	kW			rpm	kg	cm
PE250-MVE	250	9	350	4780	P31	Three-phase 400V, 50 Hz ²	5.5	3	1,450	250	104 x 75.5 x 132
PE300-MVE	300	10	350	4780	P31	Three-phase 400V, 50 Hz ²	7.5	3	1,800	260	104 x 75.5 x 132

PE-MVE up to 420 bar:

Type	Charging Rate ¹		Operating Pressure max.		Purification system	Drive und Motor Power		Number of Stages	Speed	Net Weight approx.	
	l/min	cfm	bar.	psig		Motor	kW			rpm	kg	cm
PE200/420-MVE	200	7	420	6000	P41/420	Three-phase 400V, 50 Hz ²	5.5	3	1,270	270	104 x 75.5 x 132
PE250/420-MVE	250	9	420	6000	P41/420	Three-phase 400V, 50 Hz ²	5.5	3	1,470	270	104 x 75.5 x 132


¹ Measured by cylinder filling (10 l) from 0 - 200 bar/ 2900 psig, ± 5%.

² Plug dimension: 16 A.

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Stationary Bauer Compressors	3726182	532	1	see configuration
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		PE250- MVE	PE300- MVE	PE200/ 420 bar	PE250/ 420 bar
	Charging rate (l/min.)	250	300	200	250
	Block type	IK 120	IK 120	IK 120	IK 120
	Tank fills per h approx.(10 l / 0-200)	8	9	6	8
	Operating pressure max. (bar) ¹	350	350	420	420
Options		Additional Costs in € / Unit			
Design	Stationary	•	•	•	•
Noise level	Silent	•	•	•	•
Filling pressure (selectable)	Filling pressure 225 bar (PN 200)	•	•	-	-
	Filling pressure 330 bar (PN 300) or 350 bar	•	•	-	-
	Filling pressure 420 bar	-	-	•	•
Drive motor	3-phase motor	•	•	•	•
Voltage/ frequency	Operating voltage 400 V, 50 Hz	•	•	•	•
	Different voltage / frequency ⁴	See separate price list			
Inlet air	External air intake over roof ⁵		-		
Control	Compressor control (BHW) semi-automatic (incl. final pressure switch off)	•	•	•	•
	Compressor control fully automatic (hysteresis not adjustable)				
Condensate drain	Automatic condensate drain	•	•	•	•
	Condensate collecting tank 10 l	•	•	•	•
Monitoring	Final pressure	•	•	•	•
	Rotary field monitoring	•	•	•	•
	B-TIMER ²			-	-
	SECURUS filter cartridge monitoring ³				
	Purification system P31	•	•	-	-
	Purification system P41			•	•
Filling Devices	Filling device 2 x 200 bar (hose connection) or filling device 2 x 300 bar (hose connection)	•	•	-	-
	Filling device 1 x 300 / 1 x 200 bar (switchover device)			-	-

1 Pressure setting safety valve; cut-out pressure at least 10 bar lower.

2 Only in conjunction with purification system P31.

3 Only in conjunction with purification system P41.

4 Units of the PE-MVE range can only be ordered for a voltage range from 220-240 V and 380-440 V.

5 When an external air intake over roof is used, the charging rate of this compressor may decrease.

Key to symbols: • Included in standard scope of supply. ◦ Optional, available at additional charge. – not available

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

4. VERTICUS

- 450 – 680 l/min | 90 – 420 bar
- With BAUER APP interface (optional)
- Suitable for Continuous Running
- Optional Super Silent Housing



Stationary Bauer Compressors	3726182	532	1	see configuration
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VERTICUS up to 350 bar:

Type	Charging Rate ¹		Operating Pressure max.		Purification system	Drive and Motor Power		Number of Stages	Speed	Net Weight approx.	Dimensions L x W x H
	l/min	cfm	bar.	psig		Motor	kW					rpm	kg	cm
V450	450	16	350	5000	P61/350	Three-phase 400V, 50 Hz ⁴	11	4	1,320	402	119.5 x 79 x 152.5
V540	540	19	350	5000	P61/350	Three-phase 400V, 50 Hz ⁴	11	4	1,230	402	119.5 x 79 x 152.5
V680	680	24	350	5000	P61/350	Three-phase 400V, 50 Hz ⁵	15	4	1,400	416	119.5 x 79 x 152.5

VERTICUS up to 420 bar:

Type	Charging Rate ¹		Operating Pressure max.		Purification system	Drive and Motor Power		Number of Stages	Speed	Net Weight approx.	Dimensions L x W x H
	l/min	cfm	bar.	psig		Motor	kW					rpm	kg	cm
V450/420	450	16	420	6000	P61/420	Three-phase 400V, 50 Hz ⁴	11	4	1,320	408	119.5 x 79 x 152.5
V560/420	560	19.7	420	6000	P61/420	Three-phase 400V, 50 Hz ⁵	15	5	1,490	408	119.5 x 79 x 152.5

1 Measured by tank filling (10 l) from 0 - 200 bar/ 2900 psig, ±5%.

2 Super Silent executions weight 65 kg more.

3 Dimensions without side doors. Dimensions Super Silent version: 154.3 x 80.2 x 152.5 cm

4 Plug dimension: 32 A.

5 Without plug.

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Stationary Bauer Compressors	3726182	532	1	see configuration
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		V450	V540	V680	V450/ 420 bar	V560/ 420 bar
	Charging rate (l/min.)	450	540	680	450	560
	Block type	IK 15.1	IK 150	IK 180	IK 15.11	IK 18.1
	Tank fills per h approx.(10 l / 0-200)	14	16	21	14	17
	Operating pressure max. (bar) ¹	350	350	350	420	420
Options		Additional Costs in € / Unit				
Noise level	Open	.	.	.	.	.
	Super Silent					
Filling pressure (bar) (selectable) ¹	225 bar, 330 bar or 350 bar	.	.	.	-	-
	420 bar	-	-	-	.	.
	Safety valve with TÜV setting					
Voltage/frequency	Operating voltage 400 V / 50 Hz	.	.	.	.	.
	Different voltage / frequency	See separate price list				
Paint finish	CYAN / RAL 9006	.	.	.	.	.
Inlet and exhaust air	External air intake over roof ^{2,4}					
	Exhaust air duct ²					
	Exhaust air duct with cover ²					
Control	Compressor control B-CONTROL MICRO +Net	.	.	.	.	.
	Compressor control B-CONTROL II					
	B-LINK ⁵					
	B-LINK 4G ⁵					
	SD card display unit ⁵					
Monitoring	Intermediate pressure gauges					
	Oil pressure	.	.	.	.	.
	Final pressure	.	.	.	.	.
	Cooling air temperature	.	.	.	.	.
	Temperature last stage	.	.	.	.	.
	Intermediate pressure, temperature all stages	o	o	o	o	o
	Hysteresis (adjustable)	.	.	.	.	.
	Condensate tank level (integrated)	.	.	.	.	.
	Oil level					

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Stationary Bauer Compressors	3726182	532	1	see configuration
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Condensate drain	Condensate drain system B-DRAIN
	Condensate collecting tank 14 l (integrated)
	Condensate collecting tank 60 l (external)(external)					
Air purification	Separator after 1st stage					
	B-KOOL II 680i, integrated					
	B-KOOL 680s, stand-alone					
	B-KOOL II integrated, mounting kit (necessary!), up to 350 bar					
	B-KOOL II integrated, mounting kit (necessary!), 420 bar					
	B-KOOL stand-alone mounting kit (necessary), up to 350 bar					
	B-KOOL stand-alone mounting kit (necessary), 420 bar					
	Purification system P61	.	.	.	.	.
	Purification system P81					
	B-SECURUS monitoring					
Particle filter (ISO 8573:2010 class 2)						
Base frame	Extended base frame ³					
Filling devices	Without filling devices	.	.	.	.	.
	Filling devices 4 x 200 bar (hoses)				-	-
	Filling devices 4 x 300 bar (hoses)				-	-
	Filling devices 2 x 300 / 2 x 200 bar (pressure reducer) (hoses)				-	-

1 Pressure setting safety valve; cut-out pressure at least 10 bar lower

2 Only available for Super Silent version

3 Precondition for storage installation, for integrated storage. Storage bottles on extended frame not possible with exhaust air duct

4 When using an external air inlet over roof the charging rate of the compressor may slightly reduce.

5 Only possible with B-CONTROL MICRO +Net

Key to symbols: • Included in standard scope of supply. ◦ Optional, available at additional charge. – not available

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

5. PE-VE

- 300 – 850 l/min | 225 – 420 bar
- For High Air Requirements
- Perfect for Scuba Diving and Respiratory Protection
- Optional Super Silent Housing



Stationary Bauer Compressors	3726182	532	1	see configuration
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PE-VE up to 350 bar:

Type	Charging Rate ¹		Operating Pressure max.		Purification system	Drive und Motor Power		Number of Stages	Speed rpm	Net Weight approx. kg	Dimensions L x W x H cm
	l/min	cfm	bar.	psig		Motor	kW				
PE300-VE	300	11	350	5000	P41	Three-phase 400V, 50 Hz ⁴	7.5	3	1,800	299	114 x 83 x 152
PE400-VE	400	14	350	5000	P41	Three-phase 400V, 50 Hz ⁵	11	4	1,800	304	114 x 83 x 152
PE550-VE	550	20	350	5000	P41	Three-phase 400V, 50 Hz ⁵	11	4	1,230	378	114 x 83 x 152
PE700-VE	700	25	350	5000	P61	Three-phase 400V, 50 Hz ⁶	15	4	1,400	403	114 x 83 x 152
PE850-VE	850	30	350	5000	P61	Three-phase 400V, 50 Hz ⁶	18.5	4	1,800	425	160 x 83 x 152

PE-VE up to 420 bar:

Type	Charging Rate ¹		Operating Pressure max.		Purification system	Drive und Motor Power		Number of Stages	Speed rpm	Net Weight approx. kg	Dimensions L x W x H cm
	l/min	cfm	bar.	psig		Motor	kW				
PE250/420-VE	250	9	420	6000	P41/420	Three-phase 400V, 50 Hz ⁵	5.5	3	1,470	292	114 x 83 x 152
PE320-VE	320	11.5	420	6000	P41/420	Three-phase 400V, 50 Hz ⁵	7.5	4	1,450	299	114 x 83 x 152
PE500-VE	500	18	420	6000	P41/420	Three-phase 400V, 50 Hz ⁴	11	5	1,400	304	114 x 83 x 152
PE600-VE	560	19.8	420	6000	P41/420	Three-phase 400V, 50 Hz ⁴	15	5	1,490	378	114 x 83 x 152

¹ Measured by tank filling (10 l) from 0 - 200 bar/ 2900 psig, ± 5%.

² Super Silent executions weight 90 kg / 200 lbs more.


³ Dimensions Super Silent version: 148 x 83 x 152 cm.

⁴ Plug dimension: 32 A. ⁵ Plug dimension: 16 A

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Stationary Bauer Compressors	3726182	532	1	see configuration
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	PE300-VE	PE400-VE	PE550-VE	PE700-VE	PE850-VE	PE250/ 420 VE	PE320/ 420-VE	PE500/ 420-VE	PE600/ 420-VE
 Charging rate (l/min.)	300	400	550	700	850	250	320	500	560
Block type	IK 120	IK 12.14	IK 150	IK 180	IK 180	IK 120	IK 12.14	IK 18.1	IK 18.1
Tank fills per h approx.(10 l / 0-200)	9	12	16	21	25	8	9	15	17
Operating pressure max. (bar) ¹	350	350	350	420	350	420	420	420	420
Options	Additional Costs in € / Unit								
Noise level	Super Silent								
	Open	.	.	.	.	.	.	.	.
Filling pressure	Filling pressure 225 or 330 bar	.	.	.	.	.	.	.	.
	Filling pressure 420 bar	-	-	-	-	-	.	.	.
	Safety valve TÜV setting								
Voltage/ frequency	Operating voltage 400V/50Hz	.	.	.	.	.	.	.	.
	Different voltage / frequency	o	o	o	o	o	o	o	o
Inlet and exhaust air	External air inlet over roof ⁴								
	Exhaust air duct ²								
	Exhaust air duct with cover ²								
Control	B-CONTROL MICRO +Net	.	.	.	.	.	.	.	.
	B-LINK	o	o	o	o	o	o	o	o
	B-LINK 4G								
	SD card display unit	o	o	o	o	o	o	o	o
	External Ethernet connection	131	131	131	131	131	131	131	131
Condensate drain	Automatic condensate drain B-DRAIN	.	.	.	.	.	.	.	.
	Collecting tank 10 l	.	.	.	.	.	.	.	.
	Collecting tank 60 l								

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Stationary Bauer Compressors	3726182	532	1	see configuration
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Options		Additional Costs in € / Unit								
Monitoring	Oil pressure	*	*	*	*	*	*	*	*	*
	Intermediate pressure, temperature all stages	o	o	o	o	o	o	o	o	o
	Final pressure	*	*	*	*	*	*	*	*	*
	Cooling air temperature	*	*	*	*	*	-	-	-	-
	Temperature last stage	*	*	*	*	*	*	*	*	*
	Hysteresis (adjustable)	*	*	*	*	*	*	*	*	*
Air purification	B-SECURUS Monitoring									
	Purification system P41/420bar	-	-	-	-	-	*	*	*	-
	Purification system P41/350bar	*	*	*	-	-	-	-	-	-
	Purification system P61 (350 / 420 bar)	-	-		*	*	-	-		*
	B-KOOL 680i integrated ³									
	B-KOOL 680s stand-alone						-			
	B-KOOL mounting kit integrated(necessary!)						-			
	B-KOOL mounting kit stand-alone (necessary!)						-			
Base frame	Extended base frame ⁵									
Condensate drain	Automatic condensate drain B-DRAIN	*	*	*	*	*	*	*	*	*
	Collecting tank 10 l	*	*	*	*	*	*	*	*	*
	Collecting tank 60 l									

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Stationary Bauer Compressors	3726182	532	1	see configuration
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Options		Additional Costs in € / Unit								
Filling devices	Without filling devices	•	•	•	•	•	•	•	•	•
	Filling devices 4 x 200 bar (hose connections)					₋₃	-	-	-	-
	Filling devices 4 x 300 bar (hose connections)					₋₃	-	-	-	-
	Filling devices 2 x 200 bar / 2 x 300 bar with pressure reducer (hose connections)					₋₃	-	-	-	-
	Filling devices 4 x 200 bar (direct connections)					₋₃	-	-	-	-
	Filling devices 4 x 300 bar (direct connections)					₋₃	-	-	-	-
	Filling devices 2 x 200 bar / 2 x 300 bar with pressure reducer (direct connections)					₋₃	-	-	-	-

- 1 Pressure setting safety valve; cut-out pressure at least 10 bar lower.
- 2 Only available for Super Silent version; exhaust duct not available with storage cylinders on base frame
- 3 See price list external filling panels
- 4 When using an external air inlet over roof the charging rate of the compressor may decrease.
- 5 For installation of HP storage cylinders (max. 2x50l / 2x80l)
- 6 RJ45 socket, e.g. for LAN connection (B-CLOUD), directly accessible from the outside of the housing

Key to symbols: • Included in standard scope of supply. ◦ Optional, available at additional charge. - not available

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Other Voltages and Frequencies

The voltages and frequencies can be selected directly in the configurator for mobile and for stationary compressors.

Junior II | Oceanus | PE100:

Mobile Bauer Compressors	3725548	532	1	see configuration
Stationary Bauer Compressors	3726182	532	1	see configuration

Compressor model			110 V	200 V	220 V	230 V	240 V	380 V	400 V	415 V	440 V	460 V	480 V
JUNIOR II-W / PE 100-TW ¹	2.2 kW	50 Hz			• ⁴								
		60 Hz			◦ ^{3,4}			-	-	-	-	-	-
JUNIOR II-E / PE 100-TE ²	2.2 kW	50 Hz			• ²	• ²	• ²	•	•	•		-	-
		60 Hz									•	• ²	• ²
OCEANUS-W	3 kW	50 Hz		-	• ^{2,4}	• ^{2,4}	• ^{2,4}	-	-	-	-	-	-
	3 kW	60 Hz	-	-	◦ ^{2,3}	◦ ^{2,3}	◦ ^{2,3}	-	-	-	-	-	-
OCEANUS-E	3 kW	50 Hz	-		• ²	• ²	• ²	•	•	•	-	-	-
	3 kW	60 Hz	-								•	• ²	• ²

1 Compressor control only possible for voltage range 220/230/240V.

2 Compressor control only possible for voltage range 380-440V and 220/230/240V (extra charge: 240 € only possible for JUNIOR and OCEANUS!).

3 Motor selectable without extra charge, please specify!

4 With integrated motor protection switch.

Key to symbols:

• Included in standard scope of supply

◦ Optional, available WITHOUT additional charge (except VERTICUS and PE-VE WITH extra charge on request), please specify

- not available

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Profi-Line II | PE-TE | PE-HE | PE-MVE | Mini-Verticus | Verticus | PE-VE:

Compressor model Motor power		110 V	200 V	220 V	230 V	240 V	380 V	400 V	415 V	440 V	460 V	480 V
3.0 kW Three-phase	50 Hz	-		• ²	• ²	• ²	•	•	•	-	-	-
	60 Hz	-								•	• ²	• ²
4.0 kW Three-phase	50 Hz	-					•	•	•	On request	-	-
	60 Hz	-								•	• ²	• ²
5.5 kW Three-phase	50 Hz	-	On request			€183.00	•	•	•		-	-
	60 Hz	-	On request							•	• ²	• ²
7.5 kW Three-phase	50 Hz	-	On request			On request	•	•	•		-	-
	60 Hz	-	On request			On request			On request	•	• ²	• ²
11 kW Three-phase	50 Hz	-	On request			On request	•	•	•		-	-
	60 Hz	-	On request			On request			On request	•	• ²	• ²
15 kW Three-phase	50 Hz	-	On request			On request	•	•	•		-	-
	60 Hz	-	On request			On request			On request	•	• ²	• ²
18,5 kW Three-phase	50 Hz	-	On request	On request	On request	On request	•	•	•	On request	-	-
	60 Hz	-	On request	On request		On request			On request	•	• ²	• ²

1 Incl. control transformer for voltage > 500 V – 690 V (standard control transformer 200 - 500 V).

2 Units of the PE-TE and PE-HE range with compressor control can only be ordered for voltage range from 220-230 V and 380-440 V.

3 Additional charge for units with B-CONTROL MICRO controls. Units without control/with different control on request.

4 PROFI-LINE II: With this voltage a larger frame is necessary due to motor size. Details on request. Price only for motor adaptation without control. Variant with control on request.

Key to symbols:

- Included in standard scope of supply
- Optional, available WITHOUT additional charge (except VERTICUS and PE-VE WITH extra charge on request), please specify
- not available

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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Documentation, Acceptance and Quality certificates

The documentation, acceptances and quality certificates can be selected directly in the configurator for mobile and stationary compressors. Please order these directly with the compressor. It is not possible to order them retrospectively.

Mobile Bauer Compressors	3725548	532	1
Stationary Bauer Compressors	3726182	532	1

Documentation Packages

Standard documentation package for units with CE sign = QDOC1		532	1
Standard documentation package for units with EAC sign = QDOC6 Consisting of: -1x TR-certificate (DoC) for the compressor -1x Technical passport compressor	PR01721	532	1
Optional documentation package for units with EAC sign, only in combination with QDOC6 =QDOC6-1 Consisting of: -1x TR-certificate (DoC) for pressure vessel (category II) -1x Technical passport for pressure vessel (category II) + pressure test certificate	PR01721	532	1
Optional documentation package for units with EAC sign, only in combination with QDOC6 =QDOC6-2	PR02139	532	1

Acceptances

Acceptance according to Pressure Equipment Directive carried by the TÜV – mobile compressor units = INSP1	PR01722	532	1
Acceptance according to Pressure Equipment Directive carried by the TÜV – stationary compressor units = INSP2	PR01934	532	1
Acceptance according to the BAUER standard with confirmation by an independent inspection company = INSP3	PR01723	532	1*

*Contact PM if quantity is > 1: Price deviation

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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Individual certificates

Factory certification according to EN 10 204-2.1

Declaration of compliance with the order, according to EN 10 204-2.1 High pressure storage, filter system, Seccant, compressor unit: tightness test. Confirmation of the passed test = QC_2.1-1	PR01724	532	1
Declaration of compliance with the order, according to EN 10 204-2.1 Compressor system, spare parts: Confirmation of compliance with order (Certificate Of Compliance) = QC_2.1-2	PR01725	532	1
Declaration of compliance with the order, according to EN 10 204-2.1 Pressure vessel: Confirmation of materials used in the vessel with material certificates = QC_2.1-3	PR01726	532	1
Declaration of compliance with the order, according to EN 10 204-2.1 Compressor unit: Confirmation BAUER is manufacturer of the product = QC_2.1-4	PR01727	532	1
Declaration of compliance with the order, according to EN 10 204-2.1 Compressor system: Confirmation of asbestos-free materials = QC_2.1-6	PR01728	532	1

Factory certification according to EN 10 204-2.2

Test report according to EN 10 204-2.2 Confirmation of air quality according to EN12021 = QC_2.2-1	PR01729	532	1
Test report according to EN 10 204-2.2 Confirmation of air quality according to EN12021 and according to STANAG 1458UD:2006-10) = QC_2.2-3	PR01730	532	1
Test report according to EN 10 204-2.2 O-ring: Confirmation of cure date / expiry date = QC_2.2-4	PR01731	532	1*

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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Acceptance test certification EN10204-3.1

Inspection certificate according to EN 10 204-3.1 Pressure vessel Article 4 (3) according to PED: pressure test: test with 1.5-fold operating pressure. Test equipment: water = QC_3.1-1	PR01732	532	1
Inspection certificate according to EN 10 204-3.1 Compressor unit: Confirmation of the order by measuring the performance data = QC_3.1-2	PR01733	532	1
Inspection certificate according to EN 10 204-3.1 Compressor unit: Confirmation of tightness by circular test. Test medium: helium = QC_3.1-3	PR01734	532	1
Inspection certificate according to EN 10 204-3.1 Compressor unit: Confirmation of tightness by leak test. Test medium: helium = QC_3.1-4	PR01735	532	1
Inspection certificate according to EN 10 204-3.1 Hose: Confirmation of tightness by test with 1.5-fold operating pressure. Test medium: water = QC_3.1-5	PR01736	532	1
Inspection certificate according to EN 10 204-3.1 Safety valve: Confirmation of the set pressure (set by the manufacturer) = QC_3.1-6	PR01737	532	1
Inspection certificate according to EN 10 204-3.1 Breathing air compressor: Confirmation of air quality according to EN 12021. Test equipment: B-DETECTION = QC_3.1-7	PR01738	532	1
Inspection certificate according to EN 10 204-3.1 Pressure gauges: Confirm calibration using a calibrated pressure gauge = QC_3.1-8	PR01739	532	1
Inspection certificate according to EN 10 204-3.1 Compressor unit: Sound pressure level measurement for indoor installation = QC_3.1-11	PR01740	532	1
Inspection certificate according to EN 10 204-3.1 Sound pressure level measurement for outdoor installation = QC_3.1-12	PR01741	532	1
Inspection certificate according to EN 10 204-3.1 Vibration measurement in accordance with EN ISO 10816 = QC_3.1-13	PR01742	532	1

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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Acceptance test certification EN10204-3.2

Inspection certificate according to EN 10 204-3.1 Safety valve: Confirmation of the set pressure (set by the TÜV; safety valve is fitted with TÜV seal) Mandatory for EU countries = QC_3.2-2	PR01743	532	1
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DoC according to EC machinery directive 2006/42/EG

EC declaration of conformity according to EC machinery directive 2006/42/EG Compressor system: EC declaration of conformity with original signature = QC_Conf-2	PR01744	532	1
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High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit	Price/ea Excl. VAT
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L&W (Lenhardt & Wagner) LW 100 B

The gasoline-powered LW 100 B is a particularly lightweight and reliable air compressor. It's a very low maintenance compressor and ideal for mobile use. Due to the seawater resistant stainless steel frame and the painted block it is very popular in seawater environments. The steel piston rings in the compressor stages provide long term consistent delivery performance (fill time).

Standard features:

- Petrol compressor c/w pull start and auto cut off at low oil level
- Stainless steel frame
- Manual condensate drain
- 1x Filling hose c/w filling valve and pressure gauge
- Including intake telescopic tube
- Pressure maintaining and non return valve
- Intermediate coolers
- Oil-/Water separator after 2nd and 3rd stage
- Safety valves after for each stage
- Pistons c/w steel piston rings
- Filling pressure to your choice (200 or 300 bar)
- Connections to your choice (DIN 200 or 300 bar, CGA 200 or 300 bar and INT)
- Breathing air purification an accordance to DIN EN 12021:201
- Switch over device for 200 or 300 bar
- Automatic shutdown
- Automatic shut-off for 2nd pressure range (200 and 300 bar)



Options

- Automatic stop at final pressure c/w hour counter
- Conversion set: Petrol-/electro version
- Honda Motor (4.1 kW) instead of the Briggs & Stratton Motor
- Additional filling hose c/w filling valve

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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Compressor LW 100 B

Gasoline engine 4-stroke; 4.5 kW

Air delivery of 100l/min

LW 100 B – PN 225 bar	6920800	532	1
LW 100 B – PN 330 bar	6920801	532	1
LW 100 B – PN 225/330 bar	6920802	532	1

Options LW 100 B

Please enter in the text field when ordering.

Hour meter		532	1
Trolley		532	1
Rails for ground mounting		532	1
Conversion kit of gasoline / electric driven (400 V, 3- phase, 50 Hz)		532	1
Conversion kit of gasoline / electric driven (230 V, 1- phase, 50 Hz)		532	1
Special engine (Honda)		532	1
Moisture monitor M200		532	1
Moisture monitor M300		532	1

Maintenance kits / Spare parts

LW 100 B

The maintenance kits include, depending on the model and interval, parts such as O-Rings, Sinter Filter, Intake Filter, Silencer In- & Outlet Valve, Valve Seals and Compressor oil.

Maintenance kit 500 h / 5 y / Honda / Briggs / Stratton (006712)	6915495	532	1
Maintenance kit 1000 h / 10 y / Honda / Briggs / Stratton (006713)	6915497	532	1
Intake filter (001708)	6904466	532	1
Filter cartridge, drying, oil&odour + CO removal, length 200 mm (002309)	6904464	532	1

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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LW 100 E

The LW 100 E is a particularly lightweight and reliable air compressor. It's a very low maintenance compressor and ideal for mobile use. Due to the seawater resistant stainless steel frame and the painted block it is very popular in seawater environments. The steel piston rings in the compressor stages provide long term consistent delivery performance (fill time).

Standard features:

- Electric drive (standard version: 400 V, 3 phases, 50 Hz)
- Connection cable with plug
- Start/Stop Switch
- Stainless steel frame
- Manual condensate drain
- Pressure maintaining and non return valve
- 1x Filling hose c/w filling valve and pressure gauge
- Intermediate coolers
- Oil-/Water separator after 2nd and 3rd stage
- Safety valves after for each stage
- Pistons c/w steel piston rings
- Filling pressure to your choice (200 or 300 bar)
- Connections to your choice (DIN 200 bar or 300 bar, CGA 200 or 300 bar and INT)
- Breathing air purification an accordance to DIN EN 12021 : 2014
- Motor protection switch



Options

- Additional filling hose c/w filling valve
- Automatic condensate drain
- Automatic stop at final pressure c/w hour counter
- Switch over device for 200 or 300 bar
- Special voltages/frequencies on request
- Conversion set: Petrol-/electro version

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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Compressor LW 100 E

3-Phase / rotary current motor;
2,2kW (50 Hz)
Air delivery of 100l/min

LW 100 E - PN 225 bar / 400 V/50 Hz	6537620	532	1
LW 100 E - PN 330 bar / 400 V/50 Hz	6537621	532	1
LW 100 E - PN 225/330 bar / 400V/50 Hz	6537622	532	1

Compressor LW 100 E

3-Phase / rotary current motor;
2,6kW (60 Hz)
Air delivery of 100l/min

LW 100 E - PN 225 bar / 400 V/60 Hz	6537632	532	1
LW 100 E - PN 330 bar / 400 V/60 Hz	6537633	532	1
LW 100 E - PN 225/330 bar / 400V/60 Hz	6537634	532	1

Options LW 100 E

Please enter in the text field when ordering,

Additional filling hose and valve		532	1
Operating hours counter & automatic switch-off		532	1
Automatic shut-off for 2nd pressure range (200 and 300 bar)		532	1
Hour meter		532	1
Automatic condensate drain		532	1
Trolley		532	1
Rails for ground mounting		532	1
Special voltages 460 V		532	1
Moisture monitor Puracon M200		532	1
Moisture monitor Puracon M300		532	1

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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Maintenance kits / Spare parts

LW 100 E

The maintenance kits include, depending on the model and interval, parts such as O-Rings, Sinter Filter, Intake Filter, Silencers, In- & Outlet Valve, Valve Seals and Compressor oil.

Maintenance kit 500 h / 5 y / 50 Hz / 60 Hz (006709)	6904469	532	1
Maintenance kit 1000 h / 10 y / 50 Hz / 60 Hz (003604)	6904471	532	1
Intake filter (001708)	6904466	532	1
Filter cartridge, drying, oil&odour removal (000644)	6904462	532	1
Filter cartridge, drying, oil&odour + CO removal (002309)	6904464	532	1

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit	Price/ea Excl. VAT
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LW 100 E1

The LW 100 E1 is a particularly lightweight and reliable air compressor. It's a very low maintenance compressor and ideal for mobile use. Due to the seawater resistant stainless steel frame and the painted block it is very popular in seawater environments. The steel piston rings in the compressor stages provide long term consistent delivery performance (fill time).

Standard features:

- Electro motor (E-Motor 230 V/1 Phase/50 Hz)
- Power cable with plug
- Start/Stop Switch
- Stainless steel frame
- Manual condensate drain
- Pressure maintaining and non return valve
- 1x Filling hose c/w filling valve and pressure gauge
- Intermediate coolers
- Oil- / Water separator after and 3rd stage
- Safety valves after for each stage
- Pistons c/w steel piston rings
- Filling pressure to your choice (200 or 300 bar)
- Connections to your choice (DIN 200 or 300 bar, CGA 200 or 300 bar and INT)
- Breathing air purification an accordance to DIN EN 12021 : 2014
- Switch over device for 200 or 300 bar
- Special frequencies 60 Hz
- Motor protection switch



Options

- Additional filling hose c/w filling valve
- Automatic condensate drain
- Automatic stop at final pressure c/w hour counter
- Special voltages/frequencies on request
- Conversion set: Petrol-/electro version
- Honda Motor (4.1 Kw) instead of the Briggs & Stratton Motor

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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Compressor LW 100 E1

1-Phase / alternating current motor;
2,2kW (50 Hz)
Air delivery of 100l/min

LW 100 E1 – PN 225 bar / 230 V/50 Hz	6537644	532	1
LW 100 E1 – PN 330 bar / 230 V/50 Hz	6537645	532	1
LW 100 E1 – PN 225/330 bar / 230 V/50 Hz	6537646	532	1

Compressor LW 100 E

1-Phase / alternating current motor;
2,6kW (60 Hz)
Air delivery of 100l/min

LW 100 E – PN 225 bar / 230 V/60 Hz	6537647	532	1
LW 100 E – PN 330 bar / 230 V/60 Hz	6537648	532	1
LW 100 E – PN 225/330 bar / 230 V/60 Hz	6537649	532	1

Options LW 100 B

Please enter in the text field when ordering,

Additional filling hose and valve		532	1
Automatic shut-off for 2nd pressure range (200 and 300 bar)		532	1
Hour meter		532	1
Trolley		532	1
Rails for ground mounting		532	1
Special voltages 460 V		532	1
Moisture monitor Puracon M200		532	1
Moisture monitor Puracon M300		532	1

Maintenance kits / Spare parts

LW 100 B

The maintenance kits include, depending on the model and interval, parts such as O-Rings, Sinter Filter, Intake Filter, Silencer In- & Outlet Valve, Valve Seals and Compressor oil.

Maintenance kit 500 h / 5 y / 50 Hz / 60 Hz (006709)	6904469	532	1
Maintenance kit 1000 h / 10 y / 50 Hz / 60 Hz (003604)	6904471	532	1
Intake filter (001708)	6904466	532	1
Filter cartridge, drying, oil&odour removal (000644)	6904462	532	1
Filter cartridge, drying, oil&odour + CO removal (002309)	6904464	532	1

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit	Price/ea Excl. VAT
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L&W (Lenhardt & Wagner) LW 300-D MC

The new MC Series from L&W has been created for dive centers, ships, boats and places with limited space. These are suitable for continuous operation and guarantee low maintenance costs due to long service intervals. Comes ready to start. A super lightweight aluminum frame enables mobile applications, combined with very high filling capacity.

Standard features:

- Diesel Engine
- Painted lightweight aluminium frame in RAL 7001
- Hour counter
- Manual condensate drain
- 2x Filling hose c/w filling valve
- Pressure maintaining and non return valve
- All pistons c/w steel piston rings
- Low pressure oil pump
- Oil filter with bypass
- Oil- / Water separator after 2nd and 3rd stage
- Safety valves after each stage
- 3x concentric suction/pressure valves
- 1.7 l filter system (Filter capacity 750 m³ at +20°C)
- Filling pressure to your choice (200 or 300 bar)
- Connections to your choice (DIN 200 bar or 300 bar, CGA 200 bar or 300 bar and INT)
- Breathing air purification in accordance to DIN EN 12021:2014
- Switch Over Device 200 / 300bar
- Additional filling hoses c/w filling valves



Options

- Additional high pressure outlet
- Automatic condensate drain incl. collecting tank
- Automatic stop at final pressure
- 200 and 300 bar parallel filling pressures
- Oil- and interstage pressure gauges
- Oil pressure monitoring c/w auto shut down
- Air Cooler Connection Kit
- Puracon filter monitoring
- Wheel set

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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Compressor LW 300-D MC

Diesel engine

Air delivery of 300l/min

LW 300-D MC – PN 225 bar	6598778	532	1
LW 300-D MC – PN 330 bar	6598779	532	1
LW 300-D MC – PN 225/330 bar	6598780	532	1

Options LW 300-D MC

Please enter in the text field when ordering,

Additional filling hose and valve		532	1
Parallel filling operation 200 or 300 bar		532	1
Automatic shutdown		532	1
Automatic shut-off for 2nd pressure range (200 and 300 bar)		532	1
Automatic condensate drain		532	1
Oil pressure gauge		532	1
Oil & intermediate pressure gauge		532	1
Oil Pressure Monitoring		532	1
Cylinder head temperature monitoring		532	1
Air Cooler connection		532	1
Trolley		532	1
Special voltages <210V or >460 V		532	1
Puracon connection kit		532	1

Maintenance kits / Spare parts

LW 100 B

The maintenance kits include, depending on the model and interval, parts such as O-Rings, Sinter Filter, Intake Filter, Silencer Valve, Valve Seals and Compressor oil.

Maintenance kit 1000 h / 5 y (009250)	6915371	532	1
Maintenance kit 2000 h / 10 y (009260)	6915372	532	1
Maintenance kit 4000 h / 20 y (009261)	6915373	532	1
Intake filter (000170)	6904467	532	1
Filter cartridge, drying, oil&odour + CO removal (001459)	6904465	532	1

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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L&W (Lenhardt & Wagner)

LW 320 E open

The LW 320 E is medium-sized breathing air filling station. The three-stage compressor operates at low speed and is also suitable for continuous operation. It offers long service intervals, low maintenance costs and, through the oversized industrial components maximum reliability.

Standard features:

- Electro motor (E-Motor / 400V / 3 Phase / 50 Hz)
- Painted steel housing (RAL 6026)
- Automatic condensate drain with pressure free start/stop
- Automatic stop at final pressure
- Hour counter
- Operating panel with start/stop and condensate test button, as well emergency stop switch
- 4x Filling hose c/w filling valve
- Motor protection switch
- Pressure maintaining and non return valve
- All pistons c/w steel piston rings
- Low pressure oil pump and filter
- Oil- / Water separator in stainless steel
- Safety valves after each stage
- 3x concentric suction/pressure valves
- Filling pressure to your choice (200 or 300 bar)
- Connections to your choice (DIN 200 bar or 300 bar, CGA 200bar or 300 bar and INT)
- Breathing air purification an accordance to EN 12021
- Puracon Stationary Pro (humidity monitor)



Options

- Additional high pressure outlet
- Parallel filling operation 200 and 300 bar
- Auto start system
- Oil temperature display with auto shut down
- Oil pressure gauge
- Intermediate pressure gauges
- Cylinder head temperature monitoring with auto shut down
- Remote Tab Control
- Special voltages / frequencies on request
- Oil pressure monitoring c/w auto shut down
- 0.8 l Prefilter (Enlarged the lifetime of the filter by approx. 5 hours)
- Phase monitoring c/w shut down at wrong direction of rotation
- Power cable and plug
- Puracon filter monitoring (Auto shut down also available)

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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Compressor LW 320 E open

Rotary current motor
400 V/50 Hz; 7,5 Kw
Air delivery of 320l/min

LW 320 E open – PN 225 bar	6912567	532	1
LW 320 E open – PN 330 bar	6912568	532	1
LW 320 E open – PN 225/330 bar	6912569	532	1
LW 320 E open – PN 330 bar w.o. filling device	6912570	532	1

Options LW 320 E open

Please enter in the text field when ordering,

Additional high pressure outlet		532	1
Parallel filling operation 200 or 300 bar		532	1
Launch control		532	1
Oil Pressure Monitoring		532	1
Oil pressure gauge		532	1
Inter stage		532	1
Cylinder head temperature monitoring		532	1
Remote Tab Control		532	1
Air Cooler Connection Kit		532	1
Special voltages <210 V or >460 V		532	1
Machine feet for ground mounting		532	1
Surcharge 2.3 l filter housing		532	1
Remote control box		532	1
Puracon connection kit		532	1
The following options are only available in conjunction with a remote control box			
Surcharge 2.3 l filter housing		532	1
Remote control box		532	1
Puracon connection kit		532	1

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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Maintenance kits / Spare parts

LW 320 E open

The maintenance kits include, depending on the model and interval, parts such as O-Rings, Sinter Filter, Intake Filter, Silencers, In- & Outlet Valve, Valve Seals and Compressor oil.

Maintenance kit 1000 h / 5 y / 50 Hz / 60 Hz (004970)	6915374	532	1
Maintenance kit 2000 h / 10 y / 50 Hz / 60 Hz (003920)	6915376	532	1
Intake filter (000170)	6904467	532	1
Filter cartridge, drying, oil&odour removal, length 355 mm for filter housing 1.7 l (000002)	6904463	532	1
Filter cartridge, drying, oil&odour + CO removal, length 355 mm (001459)	6904465	532	1

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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L&W (Lenhardt & Wagner)

LW 320 ES silent

The LW 320 ES is ideal for medium-sized breathing air filling stations. The three-stage compressor is sound-insulated and operates at low speed. He is also suitable for the Continuous operation. It impresses with its long service intervals, low maintenance costs and its over-dimensioned industrial components for maximum reliability.

Standard features:

- Electro motor (E-Motor / 400 V/3 Phase / 50 Hz)
- Painted steel housing (RAL 6026)
- Sound insulated housing
- Automatic condensate drain
- Automatic stop at final pressure
- Hour counter
- Operating panel with start/stop and condensate test button, as well emergency stop switch
- 2x Filling hose c/w filling valve
- Motor protection switch
- Pressure maintaining and non return valve
- All pistons c/w steel piston rings
- Low pressure oil pump and filter
- Oil- / Water separator in stainless steel
- Safety valves after each stage
- 3x concentric suction/pressure valves
- Filling pressure to your choice (200 or 300 bar)
- Connections to your choice (DIN 200 bar or 300 bar, CGA 200 bar or 300 bar and INT)
- Breathing air purification an accordance to EN 12021
- Puracon filter monitoring (Auto shut down also available)
- Additional filling hose & filling valve



Options

- Additional high pressure outlet
- Auto start system
- Parallel filling operation 200 and 300 bar
- Oil pressure monitoring c/w auto shut down
- Oil pressure gauge
- Intermediate pressure gauges
- Cylinder head temperature monitoring with auto shut down
- Oil temperature display with auto shut down
- Remote Tab Control
- Special voltages / frequencies on request
- Phase monitoring c/w shut down at wrong direction of rotation
- Up to 6 additional hoses available
- 0.8 l Prefilter (Enlarged the lifetime of the filter by approx. 5 h)
- 2.3 l Filter housing (Filter capacity: 1200 m³ at +20°C)
- Power cable and plug
- Oil temperature display with auto shut down

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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Compressor LW 320 ES silent

Rotary current motor
400 V/50 Hz; 7,5 Kw
Air delivery of 320l/min

LW 320 ES silent – PN 225 bar	6912559	532	1
LW 320 ES silent – PN 330 bar	6912560	532	1
LW 320 ES silent – PN 225/330 bar	6912561	532	1
LW 320 ES silent – PN 330 bar w.o. filling device	6912562	532	1

Options LW 320 ES silent

Please enter in the text field when ordering,

Additional filling hose & filling valve		532	1
Parallel filling operation 200 or 300 bar		532	1
Additional high pressure outlet		532	1
Launch control		532	1
Oil Pressure Monitoring		532	1
Oil pressure gauge		532	1
Inter stage		532	1
Cylinder head temperature monitoring		532	1
Temperature monitoring		532	1
Remote Tab Control		532	1
Air Cooler Connection Kit		532	1
Special voltages <210 V or >460 V		532	1
Machine feet for ground mounting		532	1
Surcharge 2.3 l filter housing		532	1
Remote control box		532	1
Soft starter		532	1
Rotation monitoring		532	1
Control without neutral		532	1
Puracon connection kit		532	1

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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Maintenance kits / Spare parts

LW 320 ES silent

The maintenance kits include, depending on the model and interval, parts such as O-Rings, Sinter Filter, Intake Filter, Silencers, In- & Outlet Valve, Valve Seals and Compressor oil.

Maintenance kit 1000 h / 5 y / 50 Hz / 60 Hz (004970)	6915374	532	1
Maintenance kit 2000 h / 10 y / 50 Hz / 60 Hz (003920)	6915376	532	1
Intake filter (000170)	6904467	532	1
Filter cartridge, drying, oil&odour removal, length 355 mm for filter housing 1.7 l (000002)	6904463	532	1
Filter cartridge, drying, oil&odour + CO removal, length 355 mm (001459)	6904465	532	1
Filter cartridge, drying, oil&odour removal, length 575 mm for filter housing 2.3 l (000003)	6904459	532	1
Filter cartridge, drying, oil&odour + CO/CO ₂ removal, length 575 mm for filter housing 2.3 l (001461)	6913071	532	1

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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L&W (Lenhardt & Wagner)

LW 450 E III open

The new LW 450 E III is a slow-rotating compressor with low maintenance intervals and service costs. It is suitable for continuous running and for being used in three-shift operations at breathing air and high-pressure applications. A new, industry-proven lubrication system and reinforced components form the core of the advanced LW 450 compressor block and improve the lifetime of the compressor unit. The innovative condensate system along with the new Condensate Stop Valve further optimizes the efficiency of the compressor and includes a 10 litre collection tank as well as a highly effective pre-sePARAT® or for prolonging filter lifetime.



Standard features:

- Electro motor (E-Motor / 400 V / 3 Phase / 50 Hz)
- Painted steel housing (RAL 6026)
- Heavy duty compressor block components
- Automatic condensate drain
- Automatic stop at final pressure
- Hour counter
- Operating panel c/w start/stop and condensate test buttons, as well as emergency stop switch
- 4x Filling hose c/w filling valve
- Motor protection switch
- Safety switch
- Pressure maintaining and non return valve
- All pistons c/w steel piston rings
- Improved lubrication system c/w oil filter
- Low pressure oil pump and filter
- Oil- / Water separator in stainless steel
- Safety valves after each stage
- 0.8 l Prefilter
- Condensate-Stop-Valve
- 10 l Condensate tank with venting silencer
- 3 concentric suction/pressure valves
- Filling pressure of your choice (200 or 300 bar)
- Connections to your choice (DIN 200 bar or 300 bar, CGA 200 bar or 300 bar and INT)
- Breathing air purification in accordance to DIN EN 12021:2014
- Puracon filter monitoring (Auto shut down also available)

Options

- Additional high pressure outlet
- Auto start system
- Parallel filling operation 200 and 300 bar
- Oil pressure monitoring c/w auto shut down
- Oil pressure gauge
- Intermediate pressure gauges
- Cylinder head temperature monitoring with auto shut down
- Oil temperature display with auto shut down
- Remote Tab Control
- Special voltages / frequencies on request
- Phase monitoring c/w shut down at wrong direction of rotation
- Power cable and plug

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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Compressor LW 450 E III open

Rotary current motor
400 V/50 Hz; 11 Kw
Air delivery of 450/min

LW 450 E III open – PN 225 bar	6912571	532	1
LW 450 E III open – PN 330 bar	6912572	532	1
LW 450 E III open – PN 225/330 bar	6912573	532	1
LW 450 E III open – PN 330 bar w.o. filling device	6912574	532	1

Options LW 450 E III open

Please enter in the text field when ordering,

Additional high pressure outlet		532	1
Parallel filling operation 200 or 300 bar		532	1
Launch control		532	1
Oil Pressure Monitoring		532	1
Oil pressure gauge		532	1
Inter stage		532	1
Cylinder head temperature monitoring		532	1
Temperature monitoring		532	1
Remote Tab Control		532	1
Air Cooler Connection Kit		532	1
Special voltages <210 V or >460 V		532	1
Machine feet for ground mounting		532	1
Surcharge 2.3 l filter housing		532	1
Remote control box		532	1
Puracon connection kit		532	1

The following options are only available in conjunction with a remote control box

Soft starter		532	1
Control without neutral		532	1

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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Maintenance kits / Spare parts

LW 450 E III open (from 10/2017)

The maintenance kits include, depending on the model and interval, parts such as O-Rings, Sinter Filter, Intake Filter, Silencers, In- & Outlet Valve, Valve Seals and Compressor oil.

Maintenance kit 1000 h / 5 y / 50 Hz / 60 Hz (009718)	6915378	532	1
Maintenance kit 4000 h / 10 y / 50 Hz / 60 Hz (010444)	6915380	532	1
Intake filter (000170)	6904467	532	1
Filter cartridge, drying, oil&odour removal, length 355 mm for filter housing 1.7 l (000002)	6904463	532	1
Filter cartridge, drying, oil&odour + CO removal, length 355 mm (001459)	6904465	532	1

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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L&W (Lenhardt & Wagner)

LW 450 E III silent

This sound isolated compressor now feature a highly effective pre-sePARAT[®]or, new innovative condensate stop valve and improved lubrication system. Better economy by having less pressure loss during condensation cycles and by using heavy duty components. Due to excellent noise emission, 3rd generation of our LW 450 range is ideal for being used in workshops, sales - and residential areas. The LW 450 ES III silent is characterized by a robust and powerful design.

Standard features:

- Electro motor (E-Motor / 400 V / 3 Phase / 50 Hz)
- Painted steel housing (RAL 6026)
- Sound insulated housing
- Heavy duty compressor block components
- Automatic condensate drain
- Automatic stop at final pressure
- Hour counter
- Operating panel with start/stop and condensate test button, as well emergency stop switch
- Motor protection switch
- Safety switch
- Pressure maintaining and non return valve
- All pistons c/w steel piston rings
- 3x concentric suction/pressure valves
- Improved lubrication system c/w oil filter
- Low pressure oil pump and filter
- Oil- / Water sePARATors in stainless steel
- Safety valves after each stage
- 0.8 l Prefilter (Enlarged the lifetime of the filter by approx. 5 h)
- Condensate-Stop-Valve
- 10 l Condensate tank with venting silencer
- Maintenance door on both sides
- High pressure outlet with 1500 mm hose
- Filling pressure of your choice (200 or 300 bar)
- Breathing air purification an accordance to EN 12021
- 4- fold filling panel installed at front door
- Puracon filter monitoring (Auto shut down also available)



Options

- Up to 6 additional hoses available
- Parallel filling operation 200 and 300 bar
- Auto start system
- Oil pressure monitoring c/w auto shut down
- Oil pressure gauge
- Intermediate pressure gauges
- Cylinder head temperature monitoring with auto shut down
- Oil temperature display with auto shut down
- Remote Tab Control
- Special voltages / frequencies on request
- 2.3 ltr. Filter housing (Filter capacity: 1440 m³ at +20°C)
- Phase monitoring c/w shut down at wrong direction of rotation
- Power cable and plug

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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Compressor LW 450 E III silent

Rotary current motor 400 V/50 Hz,

11 Kw

Air delivery of 450/min

LW 450 E III silent – PN 225 bar	6912563	532	1
LW 450 E III silent – PN 330 bar	6912564	532	1
LW 450 E III silent – PN 225/330 bar	6912565	532	1
LW 450 E III silent – PN 330 bar w.o. filling device	6912566	532	1

Options LW 450 E III silent

Please enter in the text field when ordering,

Additional filling hose & filling valve		532	1
4x filling hose		532	1
6x filling hose		532	1
Parallel filling operation 200 and 300 bar		532	1
Launch control		532	1
Oil Pressure Monitoring		532	1
Oil pressure gauge		532	1
Inter stage		532	1
Cylinder head temperature monitoring		532	1
Temperature monitoring		532	1
Remote Tab Control		532	1
Air Cooler Connection Kit		532	1
Special voltages <210 V or >460 V		532	1
Machine feet for ground mounting		532	1
Surcharge 2.3 l filter housing		532	1
Remote control box		532	1
Soft starter		532	1
Control without neutral		532	1

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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Maintenance kits / Spare parts

LW 320 ES silent

The maintenance kits include, depending on the model and interval, parts such as O-Rings, Sinter Filter, Intake Filter, Silencers, In- & Outlet Valve, Valve Seals and Compressor oil.

Maintenance kit 1000 h / 5 y / 50 Hz / 60 Hz (009718)	6915378	532	1
Maintenance kit 4000 h / 10 y / 50 Hz / 60 Hz (010444)	6915380	532	1
Intake filter (000170)	6904467	532	1
Filter cartridge, drying, oil&odour removal, length 355 mm for filter housing 1.7 l (000002)	6904463	532	1
Filter cartridge, drying, oil&odour + CO removal, length 355 mm (001459)	6904465	532	1
Filter cartridge, drying, oil&odour removal, length 575 mm for filter housing 2.3 l (000003)	6904459	532	1
Filter cartridge, drying, oil&odour + CO removal, length 575 mm for filter housing 2.3 l (001461)	6913071	532	1

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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L&W (Lenhardt & Wagner)

LW 570 E II open

The new LW 570 E II is a slow-rotating compressor with low maintenance intervals and service costs. It is suitable for continuous running and for being used in three-shift operations at breathing air and high-pressure applications. A new, industryproven lubrication system and reinforced components form the core of the advanced LW 570 compressor block and improves the lifetime of the compressor unit. The innovative condensate system along with the new Condensate Stop Valve further optimizes the efficiency of the compressor and includes a 10 litre collection tank as well as a highly effective pre-sePARAT® or for prolonging filter lifetime.



Standard features:

- Electro motor (E-Motor / 400 V / 3 Phase / 50 Hz)
- Painted steel housing (RAL 6026)
- Heavy duty compressor block components
- Automatic condensate drain
- Automatic stop at final pressure
- Hour counter
- Operating panel c/w start/stop and condensate test buttons, as well as emergency stop switch
- 4x Filling hose c/w filling valve
- Motor protection switch
- Safety switch
- Pressure maintaining and non return valve
- All pistons c/w steel piston rings
- Improved lubrication system c/w oil filter
- Low pressure oil pump and oil sieve
- Oil- / Water separator in stainless steel
- Safety valves after each stage
- Condensate-Stop-Valve
- 10 l Condensate tank with venting silencer
- 4 concentric suction/pressure valves
- Filling pressure of your choice (200 or 300 bar)
- Connections to your choice (DIN 200 bar or 300 bar, CGA 200 bar or 300 bar and INT)
- Breathing air purification in accordance to DIN EN 12021:2014
- Puracon filter monitoring (Auto shut down also available)

Options

- Additional high pressure outlet
- Auto start system
- Parallel filling operation 200 and 300 bar
- Oil pressure monitoring c/w auto shut down
- Oil pressure gauge
- Intermediate pressure gauges
- Cylinder head temperature monitoring with auto shut down
- Oil temperature display with auto shut down
- Remote Tab Control
- Air Cooler connection kit
- 420 bar Version
- Special voltages / frequencies on request
- Block heating device
- Phase monitoring c/w shut down at wrong direction of rotation
- Power cable and plug

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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Compressor LW 570 E II open

Rotary current motor
400 V/50 Hz; 15 Kw
Air delivery of 570/min

LW 570 E II open – PN 225 bar	6912830	532	1
LW 570 E II open – PN 330 bar	6912831	532	1
LW 570 E II open – PN 225/330 bar	6912832	532	1
LW 570 E II open – PN 330 bar w.o. filling device	6912833	532	1

Options LW 570 E II open

Please enter in the text field when ordering,

Additional high pressure outlet		532	1
Parallel filling operation 200 or 300 bar		532	1
Launch control		532	1
Oil Pressure Monitoring		532	1
Oil pressure gauge		532	1
Inter stage pressure gauges		532	1
Cylinder head temperature monitoring last stage		532	1
Oil temperature monitoring		532	1
Remote Tab Control		532	1
Air Cooler Connection Kit		532	1
420 bar Version		532	1
Special voltages <210 V or >460 V		532	1
Machine feet for ground mounting		532	1
Oil / block heating (only in connection with oil temperature monitoring)		532	1
Remote control box		532	1
Soft starter		532	1
Control without neutral		532	1
Puracon connection kit		532	1

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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Maintenance kits / Spare parts

LW 570 E II open (from 10/2017)

The maintenance kits include, depending on the model and interval, parts such as O-Rings, Sinter Filter, Intake Filter, Silencers, In- & Outlet Valve, Valve Seals and Compressor oil.

Maintenance kit 1000 h / 5 y / 50 Hz / 60 Hz (010013)	6915382	532	1
Maintenance kit 2000 h / 10 y / 50 Hz / 60 Hz (010429)	6915367	532	1
Maintenance kit 4000 h / 20 y / 50 Hz / 60 Hz (010355)	6915369	532	1
Intake filter (000170)	6904467	532	1
Filter cartridge, drying, oil&odour removal, length 575 mm for filter housing 2.3 l (000003)	6904459	532	1
Filter cartridge, drying, oil&odour + CO removal, length 575 mm for filter housing 2.3 l (001461)	6913071	532	1

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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L&W (Lenhardt & Wagner) LW 570 E II silent

The new generation of breathing air compressor LW 570 ES II is characterized by its sturdy and powerful design. The improved sound insulation is ideal for being used in commercial and sales areas, as well as in mixed residential and industrial buildings. A novel drainage system features a 10 litre condensate collection tank, as well as a highly efficient pre-sePARAT® or unit which improves lifetime of the filter cartridge considerably. Innovative condensate valves also limit the pressure drops during condensation cycles to ensure enhanced profitability. The industry-proven, new lubrication system, as well as reinforced compressor components are the main points of the optimized LW 570 compressor block. This makes it an indispensable unit for professional filling and highpressure applications.

Standard features:

- Electro motor (E-Motor/400V/3 Phase/50 Hz)
- Painted steel housing (RAL 6026)
- Sound insulated housing
- Heavy duty compressor block components
- Automatic condensate drain
- Automatic stop at final pressure
- Hour counter
- Operating panel with start/stop and condensate test button, as well emergency stop switch
- Motor protection switch
- Safety switch
- Maintenance doors on both sides
- Pressure maintaining and non return valve
- All pistons c/w steel piston rings
- Improved lubrication system c/w oil filter
- Low pressure oil pump and filter
- Oil-/Water separator in stainless steel
- Safety valves after each stage
- Condensate-Stop-Valve
- 10 l Condensate tank with venting silencer
- Maintenance door on both sides
- 4 concentric suction/pressure valves
- Filling pressure of your choice (200 or 300 bar)
- Puracon filter monitoring (Auto shut down also available)
- High pressure outlet with 1500 mm hose
- Breathing air purification an accordance to EN 12021
- 4- fold filling panel installed at front door



Options

- Up to 6 additional hoses available
- Auto start system
- Parallel filling operation 200 and 300 bar
- Oil pressure monitoring c/w auto shut down
- Oil pressure gauge
- Intermediate pressure display
- Cylinder head temperature monitoring with auto shut down
- Oil temperature display with auto shut down
- Remote Tab Control
- Air Cooler connection kit
- Special voltages / frequencies on request
- Block heating device
- Rotation monitoring
- Phase monitoring c/w shut down at wrong direction of rotation
- 420 bar Version
- Power cable and plug

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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Compressor LW 570 E II silent

Rotary current motor

400 V/50 Hz; 15 Kw

Air delivery of 570/min

LW 570 E II silent – PN 225 bar	6912575	532	1
LW 570 E II silent – PN 330 bar	6912576	532	1
LW 570 E II silent – PN 225/330 bar	6912577	532	1
LW 570 E II silent – PN 330 bar	6912578	532	1

Options LW 570 E II silent

Please enter in the text field when ordering,

Additional filling hose & filling valve		532	1
4x filling hose		532	1
6x filling hose		532	1
Parallel filling operation 200 and 300 bar		532	1
Launch control		532	1
Oil Pressure Monitoring		532	1
Oil pressure gauge		532	1
Inter stage pressure gauges		532	1
Cylinder head temperature monitoring		532	1
Temperature monitoring		532	1
Remote Tab Control		532	1
Air Cooler Connection Kit		532	1
Special voltages <210 V or >460 V		532	1
Machine feet for ground mounting		532	1
Oil/block heater		532	1
Soft starter		532	1
Control without neutral		532	1
420 bar version		532	1

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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Maintenance kits / Spare parts

LW 570 E II silent (from 10/2017)

The maintenance kits include, depending on the model and interval, parts such as O-Rings, Sinter Filter, Intake Filter, Silencers, In- & Outlet Valve, Valve Seals and Compressor oil.

Maintenance kit 1000 h / 5 y / 50 Hz / 60 Hz (010013)	6915382	532	1
Maintenance kit 2000 h / 10 y / 50 Hz / 60 Hz (010429)	6915367	532	1
Maintenance kit 4000 h / 20 y / 50 Hz / 60 Hz (010355)	6915369	532	1
Intake filter (000170)	6904467	532	1
Filter cartridge, drying, oil&odour removal, length 575 mm for filter housing 2.3 l (000003)	6904459	532	1
Filter cartridge, drying, oil&odour + CO removal, length 575 mm for filter housing 2.3 l (001461)	6913071	532	1

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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Bauer Accessories Filling panel B-Fill

The Bauer filling panel B-FILL enables individual configuration according to customer requirements.

Each module has two direct or two hose filling connections that can fill up to 200, 300 or 500 bar. Up to 3 filling modules and one control module (hard-wired control or B-Control Micro) can be assembled. The filling panel can also be expanded after installation and use.

The filling panels can be ordered via a configurable part number below.



Example: 2x 500 bar hose, 2x 300 bar hose and B-Control Micro



Basic module

1. add on module
(optional)

2. add on module
(optional)

Further add-on
modules (optional)

Control module
(optional)

- Maximum configuration: 10 modules (= 10 filling modules or 9 filling modules + 1 control module)
- 3 modules are always pre-assembled. If more modules are configured, the filling panel will be delivered in several packages and need to be assembled and leak-tested on site.
- Pressure reduction is possible only from left to right. The filling module with the highest pressure is always left (=basic module).

Bauer B-FILL	3706903	532	1
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Basic module: First filling module

Module

200 bar, 2x hoses

300 bar, 2x hoses

500 bar, 2x hoses ¹

200 bar, 2x direct

300 bar, 2x direct

500 bar, 2x direct ¹

¹The 500 bar valve includes 420 bar, as there is no separate 420 bar connection.

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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Additional filling modules

Module

200 bar, 2x hoses

300 bar, 2x hoses

500 bar, 2x hoses ¹

200 bar, 2x direct

300 bar, 2x direct

500 bar, 2x direct ¹

¹ The 500 bar valve includes 420 bar, as there is no separate 420 bar connection.

Surcharge for pressure reduction

Version

Surcharge for pressure reduction in basic module

Required additionally if the pressure is to be reduced in the first module with the aid of a pressure reducer, for example from 350 bar to 330 bar

Surcharge for pressure reduction in the additional module

Required additionally if pressure in the add-on module is lower than in the previous module

Control options

Version

B-CONTROL MICRO ²

Only for compressors with B-Control Micro

Hardwired-control ³

Only for compressors with B-Control Micro or B-Control II

Integrated hardwired-control ^{1,3}

Only for compressors with B-Control Micro or B-Control II

¹ Is integrated in the basic module (= first module)

² For extension: connection cable for external display and connection cable for emergency stop connection required

³ For extension: cable for B-CONTROL remote panel required connection.

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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Extra cable length

5 m length is always included, only required for additional length

Version

Cable for emergency stop connection

Cable for B-CONTROL MICRO

Cable for hardwired-control

Options

Version

Safety valve

Filling speed reduction with nozzle¹

¹ Price per filling valve

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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Bauer Accessories

Bauer Automatic Selector Unit

The automatic selector unit enables air cylinders to be filled quickly and simultaneously in parallel from a storage system (buffer) and via the compressor.

The storage cylinder connected to the filling panel takes priority for filling, i.e. the storage system and the compressor always start by filling the breathing air cylinders at the filling panel.

Once these cylinders have been filled completely, the storage system is topped up by the compressor. When the maximum filling pressure is reached in the storage system, the compressor shuts down again entirely automatically. As soon as the next empty air cylinder is connected to the filling panel, the fully automatic filling cycle starts again.

Scope of delivery:

- Paint-finished steel base plate for wall mounting
- Pressure retention valve
- Check valve
- Pressure switch or pressure sensor, depending on the connected compressor control
- Manometer filling pressure
- Manometer storage pressure



Automatic selector unit 350 bar For systems with a max. inlet pressure of 350 bar	2303310	532	1
Automatic selector unit 420 bar For systems with a max. inlet pressure of 420 bar	6534457	532	1

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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Bauer Accessories Bauer Control Systems

Compressor control extension options

When ordering without a compressor, please always indicate the serial number of the compressor already in use.



B-Control II

The B-CONTROL II can optionally be used for the stationary VERTICUS series.

The B-CONTROL II is required for::

- Interconnected operation (master compressor)
- Customized solutions (software for customized applications)
- Monitoring of intermediate pressures and temperatures, pressure dew point
- Connection to a bus interface, remote maintenance, remote desktop



The B-CONTROL II monitors/displays:

- Operating parameters:
 - Operating hours, oil pressure, temperature of last stage, cooling air temperature, motor overcurrent, final pressure
 - Optionally all intermediate pressures and intermediate temperatures, B-SECURUS, dew point
- Maintenance intervals:
 - Main maintenance, intake filter change, oil change, valve change, cycles
 - final sePARATor
- Trend display, data logger
- Interconnected operation (up to 4 compressors)
- Interface: CAN bus layer 2 (for interconnected operation), Modbus RTU RS485, 2 x USB 2.0, Ethernet 10/100 (RJ45), optional Profibus DP slave

B-Control II

The B-Control II is ordered together with a new compressor, please select it directly in the compressor configuration (3726182).

Optional: Control for the VERTICUS series instead of the standard B-CONTROL MICRO		532	1
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High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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External Display for B-Control

- External 3.5" colour display for compressor control B-CONTROL
- For remote control of the compressor
- Identical display and functions to integrated compressor
- Language selection option and clear text display
- Incl. housing for wall mounting



If the external display is ordered together with a new compressor, please select it directly in the compressor configuration (3726182).

External Display B-CONTROL MICRO (Standard) Necessary cable see "Extension B-CONTROL"	6568633	532	1
External Display B-CONTROL MICRO (with emergency stop switch) Necessary cable see "Extension B-CONTROL"	6568638	532	1
External Display B-CONTROL MICRO is electrically connected to the compressor control system, not delivered as separate (applies only to combined order of compressor and external display)	-	532	1
External Display B-CONTROL II (Standard) Necessary cable see "Extension B-CONTROL"	-	532	1
External Display B-CONTROL II (Standard) (with emergency stop switch) Cable for emergency stop connection = cable power supply from the compressor	-	532	1
External Display B-CONTROL II with the compressor control electrically connected instead of loose Delivery (only with common order compressor and external display).	-	532	1

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
Extensions B-Control			
Connection cable for remote display (B-CONTROL MICRO) Connecting cable CAN 2 × 2 × 0.5 mm sold by the meter (plugs are always shown on the display), (N25806-S02)	-	532	1
Connection cable for remote display (B-CONTROL II) Data transmission cable 2 × 2 × AWG22 flexible (N35242)	-	532	1
Connection cable for remote display (B-CONTROL II) Cable for power supply and emergency stop (7 × 1.5 mm ²) (N32069)	-	532	1
Cable for B-CONTROL safety edge			
(external, e.g. with external filling bar 79055-External)			
Cable length 5 m (N25781)	-	532	1
Cable length 10 m (N25781 and N25782)	-	532	1
Cable length 15 m (N25781 and N25783)	-	532	1
Cable length 20 m (N25781 and N34185)	-	532	1
Cable length 30 m (N25781 and N25784)	-	532	1

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit	Price/ea Excl. VAT
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Bauer Accessories

B-Kool

Cooling dryer to extend the service life of the dry filter cartridges of the filter system (11 times longer filter cartridge use).

Cooling unit with air-cooled condenser; Up to max 350 bar; up to 680 l/min air flow volume;

Mounting material has to be ordered separately for the corresponding compressor (mandatory for mounting!).

When ordering, please indicate the serial number of the compressor in use.

Please note that the necessary mounting kits are already included in the part numbers.



If a B-KOOL is ordered together with a new compressor, please select it directly in the compressor configuration (3726182 or 3725548).

B-Kool II 680i

B-KOOL II 680i for installation on top of a silent new

Mini Verticus or Verticus (both series 6).

Dimensions: 792 x 550 x 390 mm

Weight: 57 kg



B-KOOL II 680i incl. Mounting kit	6913784	532	1	€4,891.00
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B-Kool 680i

B-KOOL 680i for installation on top of a silent

PE-VE compressor or (old) Verticus 5

Dimensions: 760 x 346 x 535 mm

Weight: 50 kg Weight: 57 kg



B-KOOL 680i incl. Mounting kit	6904440	532	1	€4,891.00
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B-Kool 680s

B-KOOL 680s for separate installation near the compressor unit. For open compressors with P41 or P61 filter system

Dimensions: 395 x 563 x 695 mm Weight: 48 kg



B-KOOL 680s All compressors with P41 or P61 except new Mini Verticus and Verticus (both series 6) – incl. Mounting kit	6904816	532	1	€4,999.00
B-KOOL 680s For new Mini Verticus and Verticus (both series 6) - incl. Mounting kit	3724611	532	1	€4,999.00

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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Bauer Accessories Safety filling device B-Safe

The B-SAFE safety filling device is designed for the safe filling of cylinders with breathable air.

Combined with a high-pressure compressor, it enables the filling of up to 6 cylinders with pressures of 200 or 300 bar.



B-Safe 300

With Touchscreen

B-SAFE 300 with integrated filling panel 6x PN 300 bar with electronic proportional valve (only for storage bank)	6532955	532	1
B-SAFE 300 with integrated filling panel 3x PN 200 bar/3x PN 300 bar with electronic proportional valve (only for storage bank)	6534446	532	1
B-SAFE 300 without filling panel for the installation of existing filling panels (only for filling panel with 6 connectors) with electronic proportional valve (only for storage bank) Please specify operating pressure (e.g. 200 bar) Surcharge of 145,00 Euro at 200/300 bar version	6534552	532	1
B-SAFE 300 with integrated filling panel 3x PN 200 bar/3x PN 300 bar with solenoid valve	6535044	532	1

B-Safe Eco

Pneumatic

B-SAFE ECO with filling hoses 6x PN 300 bar with pneumatic operation	6598739	532	1
B-SAFE ECO with filling hoses 3x PN 200 bar/3x PN 300 bar with pneumatic operationg	6598740	532	1
B-SAFE ECO with pneumatic operation; without filling device; for retrofitting of existing Bauer filling panel Please specify operating pressure (e.g. 200 bar)	6903889	532	1

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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Bauer Accessories Filling Speed Control (FSC)

Control of the speed of the fillings process

- Intake pressure: max. 410 bar
- Working pressure: 100-330 bar
- Filling speed: 20-50 bar/min
- Maximum volume connected: Approx. 50 l
- Permissible ambient temperature: +5 to +45 °C
- Dimensions: 385 x 550 x 240 mm
- Weight: approx. 18 kg
- Supply voltage: 100-240 V, 45-65 Hz
- Power consumption: <100 W



Filling Speed Control

Filling speed: 20-50 bar/min

Filling Speed Control	6536600	532	1
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High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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Lenhardt & Wagner Accessories Safety Filling Cabinets

The Safety Filling Cabinet is the affordable alternative to an explosion-proof hopper.

The Safety Filling Cabinets are tested and approved by the American Organization UL.



Safety filling cabinets for single pressure range

200 or 300 bar

2 bottles, 2x 200 bar filling connection	6909543	532	1
2 bottles, 2x 300 bar filling connection	6909544	532	1
3 bottles, 3x 200 bar filling connection	6909545	532	1
3 bottles, 3x 300 bar filling connection	6909546	532	1

Safety filling cabinets for dual pressure range

200 or 300 bar

2 bottles, 2x 200 bar/2x 300 bar filling connection	6909547	532	1
3 bottles, 3x 200 bar/3x 300 bar filling connection	6909548	532	1

Accessories

Safety valve installed in the entrance (007445)		532	1
Pressure reducer and safety valve (CE tested) installed in the Entrance (002257)		532	1
Surcharge for safety valve with TÜV certificate (003797)		532	1
Ball valve installed in the entrance or exit (008138)		532	1
Ball valve (stainless steel) installed in the entrance or exit. (NOT O ₂ suitable) (004812)		532	1
Special paint		532	1

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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Bauer Filter Cartridges and Maintenance Kits

Filter Cartridges

Filter cartridge P11 and P21 for electric drive	2302780	998	1
Filter cartridge P11 and P21 for petrol drive	2303019	998	1
Filter cartridge P31 for electric drive	6531054	998	1
Filter cartridge P31 for petrol/diesel drive	6531056	998	1
Filter cartridge P41 standard for electric drive For compressors without B-SECURUS	2303124	998	1
Filter cartridge P41 standard for petrol/diesel drive For compressors without B-SECURUS	6559961	998	1
Filter cartridge P41 B-SECURUS for electric drive For compressors with B-SECURUS	6907404	998	1
Filter cartridge P41 B-SECURUS for petrol/diesel drive For compressors with B-SECURUS	2303027	998	1
Filter cartridge P61 standard for electric drive For compressors without B-SECURUS	2302756	998	1
Filter cartridge P61 B-SECURUS for electric drive For compressors with B-SECURUS	2302764	998	1

Maintenance Kits

Please note that these are the maintenance kits for the **last production status**.
For all maintenance kits, change product group from 998 to 997

PE 100

Maintenance kit 500 h/1y (A-PE100-F4-a1)	6912583	997	1
Maintenance kit 1000 h/1y (A-PE100-F4-ab1)	6912584	997	1
Maintenance kit 2000 h/4y (A-PE100-F4-abc1)	6912585	997	1

Junior II

Maintenance kit 500 h/1y (A-JuniorII-F4-a1)	6533141	997	1
Maintenance kit 1000 h/1y (A-JuniorII-F4-ab1)	6531129	997	1
Maintenance kit 2000 h/4y (A-JuniorII-F4-abc1)	6531130	997	1

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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Oceanus

Maintenance kit 500 h/1y (A-Oceanus-F1-a1)	6532442	997	1
Maintenance kit 1000 h/1y (A-Oceanus-F1-ab1)	6533718	997	1
Maintenance kit 2000 h/4y (A-Oceanus-F1-abc1)	6537955	997	1

Capitano – MV150

Maintenance kit 500 h/1y (A-100II-F7-a1)	-	997	1
Maintenance kit 1000 h/1y (A-100II-F7-ab1)	-	997	1
Maintenance kit 2000 h/4y (A-100II-F7-abc1)	-	997	1

Mariner 200/250 – PE-TE/TB – PE-HE – PE-MVE – PE 300-VE – MV200/250

Maintenance kit 500 h/1y (A-120II-F7-a1)	6906542	997	1
Maintenance kit 1000 h/2y (A-120II-F7-ab1)	6906543	997	1
Maintenance kit 2000 h/4y (A-120II-F7-abc1)	6906544	997	1

Mariner 320

Maintenance kit 500 h/1y (A-12.14II-F7/8-a1)	6922738	997	1
Maintenance kit 1000 h/1y (A-12.14II-F7/8-ab1)	6922739	997	1
Maintenance kit 2000 h/4y (A-12.14II-F7/8-abc1)	6922740	997	1

MV320, PE 400-VE

Maintenance kit 500 h/1y (A-12.14II-F7/8-a1)	6922738	997	1
Maintenance kit 1000 h/2y (A-12.14II-F7/8-ab1)	6922739	997	1
Maintenance kit 2000 h/4y (A-12.14II-F7/8-abc1)	6922740	997	1

V450

Maintenance kit 500 h/1y (A-15.III-F14-a1)	6925252	997	1
Maintenance kit 1000 h/2y (A-15.III-F14-ab1)	6925253	997	1
Maintenance kit 2000 h/4y (A-15.III-F14-abc1)	6925254	997	1

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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V540 – PE 550-VE

Maintenance kit 500 h/1y (A-150II-F13-a1)	6925255	997	1
Maintenance kit 1000 h/2y (A-150II-F13-ab1)	6925256	997	1
Maintenance kit 2000 h/4y (A-150II-F13-abc1)	6925257	997	1

V680 – PE700/850-VE

Maintenance kit 500 h/1y (A-180II-F8-a1)	6925258	997	1
Maintenance kit 1000 h/2y (A-180II-F8-ab1)	6925259	997	1
Maintenance kit 2000 h/4y (A-180II-F8-abc1)	6925260	997	1

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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Maintenance Kits and Consumables

Bauer Maintenance kits for filter systems

For all maintenance kits, change product group from 998 to 997

P21-filter system			
Maintenance kit P21 filter 500 h/1 y (A-P21-F1/4-a1) until 08/98	6533715	997	1
Maintenance kit P21 filter 500 h/1 y (A-P21-F5/8-a1) 09/98 - date	6904458	997	1
P31-filter system			
Maintenance kit 500 h/1 y - Jun2003 - dato/(A-P31-F1-a1)	6537557	997	1
P40 / P41-filter system			
Maintenance kit 500 h/1 y - Jun2003 - dato/(A-P31-F1-a1)	6533295	997	1
P60 / P61-filter system			
Maintenance kit P60/P61 Filter 500 h/1 y (A-P60 / P61-F1 / 8-a1)	6533296	997	1
P 80 / P81-filter system			
Maintenance kit P80/P81 Filter 500 h/1 y (A-P80 / 81-F1 / 8-a1)	6598706	997	1

Compressor oil for BAUER Premium and Poseidon Edition

The following oils are allowed:

Mineral compressor oil 1 l, BAUER (N22138-1)	6532243	593	1
Mineral compressor oil 2.5 l (equal to BAUER oil N22138-2.5)	2303086	593	1
Mineral compressor oil 5 l (equal to BAUER oil N22138-5)	6907576	593	1
Mineral compressor oil 20 l (equal to BAUER oil N22138-20)	2303094	593	1
Date of manufacture of the compressor: from September 2006			
Synthetic compressor oil 1 l (equal to BAUER oil N28355-1)	6532441	998	1
Synthetic compressor oil 5 l (equal to BAUER oil N28355-5)	6532442	998	1
Synthetic compressor oil 20 l, BAUER (N28355-20)	6558947	998	1

Compressor oil for L&W compressors

Compressor oil, fully synthetic, 1 l (000001) Needed amount of oil: LW 100: 1,0l LW 300-D MC and LW 320: 1,8l LW 350: 2,2l LW 450: 2,7l LW 570: 2,9l	6904461	593	1
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High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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Dräger Air Purifier 5000

The constantly increasing CO₂-concentration in the air due to unfavorable environmental influences makes it increasingly difficult for filling station operators to comply with the mandatory legal limits for CO₂ reliably. With the DAP 5000 the operator is always on the safe side, because of the CO₂ content of the intake air of the compressor is reduced.

- Easy connection with hose connection
- Safe installation by mounting on the wall
- CO₂ reduction with Dräger soda lime (18 kg lime)
- Reduction of soda lime dehydration by moistening with water tank with level indicator
- Easy to fill with soda lime and water through quick release
- For compressors with a delivery capacity of up to 700 l / min
- Reduces the maximum permissible input concentration from 1000 ppm / CO₂ to approx. 250 ppm
- H x W x D: ca. 797 x 453 x 330 mm

Including the connecting adapter set 6915525



Dräger Air Purifier 5000

DAP 5000	6911905	566	1
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Incl. 18 kg soda lime and connecting adapter set (6915525).
Please order 1x disinfection tablets extra (6913282)

Accessories and Maintenance			
Maintenance set DAP 5000	3706310	997	1
Disinfection tablets 40 pcs.	6913282	998	1
18 kg Dräger soda lime	6737111	454	1
Intake hose, cpl., ND60/60, 2 m, open Compressor Unit Intake hose	6598080	535	1
Intake hose, cpl., ND60/40, 2 m, open Compressor Unit	6598082	535	1
Intake hose, cpl., ND60/40, 2 m, closed Compressor Unit	6533105	535	1
Intake hose, cpl., ND60/60, 2 m, closed Compressor Unit	6598085	535	1

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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Dräger Air Guard 6000 Series

The Dräger Air Guard 6000 series is a compact system that permanently monitors and documents the purity of breathing air in relation to CO, CO₂, O₂, humidity and oil according to DIN EN 12021:2014

- Connection to the Drägerware for documentation of the breathing air quality in the individual breathing air bottles
- Gas measurement by Dräger sensors
- Display of measured values on the integrated display
- Potential-free contact to shut down the compressor and purging of the airline system
- E-Mail alerting if limits are exceeded
- External access to the measured values through web interface
- Acoustic alarm when the limit is exceeded
- Available in HP (200-300 bar) and LP (6-10 bar) versions
- Dräger Air Guard 6700 with the optional extension of sensors to the H₂S Including the connecting adapter set 6915525



The product is approved according to European directives and not available in all countries. The available languages can be found in the IFU of the product.

Dräger Air Guard 6000 Series

Dräger Air Guard 6500 LP (CO, CO ₂ , O ₂ , humidity and oil)	6910440	226	1
Dräger Air Guard 6500 HP (CO, CO ₂ , O ₂ , humidity and oil)	6910440	226	1
Dräger Air Guard 6700 LP (CO, CO ₂ , O ₂ , humidity and oil + H ₂ S)	6910440	226	1
Dräger Air Guard 6700 HP (CO, CO ₂ , O ₂ , humidity and oil + H ₂ S)	6910440	226	1
Calibration gases			
50 ppm CO test gas	6811117	953	1
500 ppm CO ₂ test gas	6812383	953	1
20,9 % O ₂ test gas	6813239	953	1
5 ppm isobutylene test gas	6813685	953	1
15 ppm H ₂ S test gas	6814199	953	1
99,999 % N ₂ test gas	6810394	953	1
Control valve Basic 0.5 L/min (required for all test gases)	6810397	953	1
Calibration adapter V (only for CO and O ₂ with hose)	6810536	348	1

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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Cylinder Reservoir- Breathing Air

- Gas volume 50 l
- Diameter approx. 240 mm
- Cylinder height: approx. 1650 mm
- Cylinder valve connection: G 5/8"
- No gas filling
- Incl. cylinder valve and documentation
- Without commissioning

The product is approved according to European directives and not available in all countries. The available languages can be found in the IFU of the product.



Cylinder Reservoir- Breathing Air

Cylinder reservoir, breathing air (50 l/200 bar, G5/8, TPED ; PW 200 bar; weight approx. 80 kg)	6531462	533	1
Cylinder reservoir, breathing air (50 l/300 bar, G5/8, TPED; PW 300 bar; weight approx. 100 kg)	6526395	533	1
Cylinder reservoir, breathing air (50 l/330 bar, G5/8, PED; PS 330 bar; weight approx. 100 kg; CE licensing)	6530410	533	1
Accessories			
Clamp (for the permanent attachment of a cylinder reservoir; clamping range 222 to 229 mm)	6513120	533	1
Swivel bolt band clamp HGRKSM (for the permanent attachment of a cylinder reservoir; clamping range 226 to 234 mm)	6907486	533	1
Joint hinge bracket clamp (Galvanized steel, light version; for stationary fastening of Save bottles; Clamping range 226 to 234 mm)	6915283	533	1

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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High-pressure Breathing Air Hoses and Adapter

PN: nominal pressure

PS: max. operating pressure in bar

TS: max. operating temperature

DN: nominal (inner) diameter

Premium series:

- best solution for daily heavy use
- robust due to double layer braiding
- DN 6

Standard series:

- Unimam hoses
- DN 5



Dräger Breathing air hoses – PS 220 bar

Filling hose PS 220 – Premium 1.5 m / G5/8 female – G5/8 male	U02975	566	1
Filling hose PS 220 – Premium 1.5 m / G5/8 female angled – G5/8male	6903840	566	1
Filling hose PS 220 – Premium 1,5 m / G5/8i angled – G5/8a, with park	U03975	566	1
Filling hose PS 220 - Standard 1.5 m / G5/8 female – G5 /8 male	6531833	566	1
Supply hose PS 220 – Standard 1.5 m / G5/8 male – G5/8 male	6530018	566	1

Dräger Breathing air hoses – PS 330 bar

Filling hose PS 330 - Premium 1.5 m / G5/8 female angled, with park socket – G5/8 male	U06211	566	1
Filling hose PS 330 – Standard 1.5 m / G5/8 female – G5/8 male	6535155	566	1
Filling hose PS 330 – Standard 2.0 m / both sides M16x1,5 female	6531346	532	1
Filling hose PS 330 – Standard 3.0 m / both sides M16x1,5 female	6531347	997	1

High-Pressure Breathing Gas Technology

High-pressure Compressors & Accessories

Description	Order Code	Product Category	Packing unit
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Adapter

Adapter PS 220 G5/8 female – G5/8 female	U06532	566	1
Adapter PN 200 G5/8 female – M16x1,5 male / Screw connection between German filling connection and high-pressure hose	6525246	566	1
Adapter PS 330 G5/8 female – G5/8 female	U06533	566	1
Adapter PS 330 G5/8 male – M16x1,5 male / Pipe connection	6525077	566	1
Adapter PS 330 G5/8 female – CGA347 female (830"-14NGO-RH-INT)	U07547	566	1
Adapter PN 300 G5/8 female – M16x1,5 male / Screw connection between German filling connection and high-pressure hose	6526202	532	1

High-Pressure Breathing Gas Technology

Dräger Oxygen Booster

DOB 200/300	811
DOB-M/T	812
DOB 200 ECO	813
DOB-H	815
Oxygen hoses and adapters	816

High-Pressure Breathing Gas Technology

Dräger Oxygen Booster

Description	Order Code	Product Category	Packing unit
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Dräger Oxygen Booster (DOB) 200, 300, 200/300

The Dräger Oxygen Booster 200/300 is a complete oxygen transfer station for filling oxygen from storage cylinders into device cylinders and takes up little space.

Versatile area of application

- Fits through every door
- For all operating locations where high-pressure oxygen is required in device cylinders
- Complete filling logistics incl. valves and manometer
- During the filling process several device cylinders can be filled simultaneously
- Several dispensing bottles can be filled at the same time
- Control panel enables both the starting and the monitoring of the filling process.
- All filling valves are fitted at a height kind to your back



DOB 200/300 (Configurable)	6927220	530	1
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Type of gas: Choose one option

Oxygen
Nitrox
Breathing air

Final pressure: Choose one option

300 bar
200 and 300 bar

Filling connections

Choose between 4x same filling connections or 2x 2 different filling connections. Attention: It is not possible to combine two different gases on one device.

For oxygen:

G3/4 female according to DIN 477 (200 bar)
W21,8x1/14 female according to DIN 477 (200 bar)
M24x2 female according to DIN EN 144-2 (200 bar)
M26x2 male according to DIN EN 144-3 (200 bar)
CGA 540 female (.903"-14 NGO-RH-INT thread), acc. to CGA-V1 (200 bar)
BS34Ino3 male (G5/8-Bullnose) according to BS341.3 (200 bar)
M22x1,5 female (OXY-SR) according to DIN EN 144-2 (300 bar)

For Nitrox:

G3/4 female according to DIN 477 (200 bar)
M24x2 female according to DIN EN 144-2 (200 bar)

For Breathing air:

G5/8 male according to DIN EN 144-2 / ISO 12209 (200 bar)
G5/8 male according to DIN EN 144-2 / ISO 12209 (300 bar)

High-Pressure Breathing Gas Technology

Dräger Oxygen Booster

Description	Order Code	Product Category	Packing unit
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Dräger Oxygen Booster (DOB)-M/T

The Dräger Oxygen Booster DOB-M/T is a compact, portable filling station, which ensures the effective transfer of oxygen up to 200 or 300 bar from storage cylinders into device cylinders.

Versatile area of application

- Easy to transport and flexible in use
- For all operating locations where high-pressure oxygen is required in device cylinders
- Complete filling logistics incl. valves and manometer
- During the filling process several device cylinders can be filled simultaneously
- Electrical drive
- Easy operation
- Control field enables starting and the monitoring of the filling process.
- Two stable carrying handles simplify the transport



DOB -M/T (Configurable)	6927230	530	1
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Type of gas: Choose one option

Oxygen
Nitrox
Breathing air

Accessories

Transport casing (former DOB-M)

Final pressure: Choose one option

200 bar
300 bar

Filling connections

Choose between 4x same filling connections or 2x 2 different filling connections. Attention: It is not possible to combine two different gases on one device.

For oxygen:

- G3/4 female according to DIN 477 (200 bar)
- W21,8x1/14 female according to DIN 477 (200 bar)
- M24x2 female according to DIN EN 144-2 (200 bar)
- M26x2 male according to DIN EN 144-3 (200 bar)
- CGA540 female (.903"-14 NGO-RH-INT thread), acc. to CGA-VI (200 bar)
- BS341no3 male (G5/8-Bullnose) according to BS341.3 (200 bar)
- M22x1,5 female (OXY-SR) according to DIN EN 144-2 (300 bar)

For Nitrox:

- G3/4 female according to DIN 477 (200 bar)
- M24x2 female according to DIN EN 144-2 (200 bar)

For Breathing air:

- G5/8 male according to DIN EN 144-2 / EN ISO 12209 (200 bar)
- G5/8 male according to DIN EN 144-2 / EN ISO 12209 (300 bar)

High-Pressure Breathing Gas Technology

Dräger Oxygen Booster

Description	Order Code	Product Category	Packing unit
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High-pressure Compressors and Oxygen Booster Dräger Oxygen Booster (DOB) 200 ECO

The Dräger Oxygen Booster 200 ECO is a complete oxygen transfer station for filling oxygen from storage cylinders into device cylinders and takes up little space.

Versatile area of application

- For all operating locations where high pressure oxygen is required in device cylinders
- Complete filling logistics incl. valves and manometer
- During the filling process several device cylinders can be filled simultaneously

Easy to use

- Control panel enables both the starting and the monitoring of the filling process.
- Alternating current drive

The oxygen booster station consists of:

- a booster unit
- a filling panel
- a connection hose between booster and filling panel
- optional: hoses to connect the storage cylinders



DOB 200 ECO

DOB 200 ECO Configurable product: Please choose a filling panel and one connection hose directly in the configuration. See additional prices for both below.	6903800	530	1
DOB 200 ECO CSA/US Please order filling panel and one connection hose separately.	6923190	530	1
DOB 200 ECO ZH Please order filling panel and one connection hose separately.	6922800	530	1
Filling Panels and Accessories			
Filling panel O₂ PS 220 - G3/4 male-G3/4 female (4x)	6905280	530	1
Filling panel O₂ PS 220 - G3/4 male-CGA540 female (4x)	6905281	530	1
Filling panel O₂ PS 220 - G3/4 male-W21,8x1/14 female (4x)	6905282	530	1
Filling panel O₂ PS 220 - G3/4 male-M24x2 female (4x)	6905283	530	1
Filling panel O₂ PS 220 - G3/4 male-M26x2 female (4x)	6905284	530	1
Filling panel O₂ PS 220 - G3/4 male-BS341No3 male (4x)	6905343	530	1
Filling panel O₂ PS 220 - G3/4 male-CGA540 female (6x) Incl. transport case	6924948	530	1
Filling panel O₂ PS 220 - G3/4 male-W21,8x1/14 female (6x) Incl. transport case	6924949	530	1

High-Pressure Breathing Gas Technology

Dräger Oxygen Booster

Description	Order Code	Product Category	Packing unit
Connection hoses: Booster - filling panel			
Hose O ₂ PS 220 - 0,7 m G3/4 female - G3/4 female	6904969	530	1
Hose O ₂ PS220bar - 1.5 m G3/4 female - G3/4 female	6530017	998	1
Hose O ₂ PS220bar - 3 m G3/4 female - G3/4 female	6568196	530	1
Hose O ₂ PS220bar - 5m G3/4 female - G3/4 female	6568197	530	1
Spare parts			
Spare part set DOB 200 ECO 1 y	6905297	997	1
Spare part set DOB 200 ECO 5 y	6905298	997	1

High-Pressure Breathing Gas Technology

Dräger Oxygen Booster

Description	Order Code	Product Category	Packing unit
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High-pressure Compressors and Oxygen Booster Dräger Oxygen Booster (DOB) H

Small, robust, effective: The mobile Dräger Oxygen Booster DOB-H is a single stage, double-acting piston pump which is essential for all applications where high-pressure oxygen must be available in device cylinders irrespective of the available power supply.

Versatile area of application

- Easy to transport and flexible in use
- At locations without power supply and in emergency situations immediately ready for operation
- 50 kg
- For all operating locations where high-pressure oxygen is required in device cylinders
- manual operation
- Optionally two device cylinders can be filled simultaneously during the filling process (collective adapter)
- Filling logistics incl. valve, extension hose, manometer and robust pump block made from heat absorbing brass

Scope of delivery

- Tool and spare part range
- Dependent on the model version the DOB is supplied with a plastic roll-up case or an aluminium transport case



DOB-H

DOB-HG 200 (standard version) Standard connection: G3/4" DIN 477 incl. aluminium transport case and hose 6530017, max. filling pressure 200 bar	6530600	530	1
DOB-HT 200 (standard version) Standard connection: G3/4" DIN 477 incl. plastic roll-up case and hose 6530017, max. filling pressure 200 bar	6531300	530	1
DOB-HW 200 Standard connection: G3/4" DIN 477 wall-mounted version, max. filling pressure 200 bar	6531000	530	1
Spare Parts			
Spare set DOB-HG/HT/HW 5 y	6598774	997	1

High-Pressure Breathing Gas Technology

Dräger Oxygen Booster

Description	Order Code	Product Category	Packing unit
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Oxygen hoses and adapters

PN: nominal pressure

PS: max. operating pressure in bar

TS: max. operating temperature

DN: nominal diameter



Hoses

PS 220 bar, all hoses DN 6, TS = 60°C

1,5 m / G3/4 male – G3/4 female kupper sealed	U02451	530	1
1,5 m / G3/4 female - G3/4 female	6530017	997	1
1,5 m / CGA540 female - G3/4 female	6568198	530	1
1,5 m / W21,8x1/14 female - G3/4 female kupper sealed	U03932	530	1
1,5 m / W21,8x1/14 female - G3/4 female	6568201	530	1
1,5 m / M24x2i female - G3/4 female	6568204	530	1
1,5 m / BS341No3-G3/4 female	6568199	530	1
1,5 m / NFE 29-650 - G3/4 female	6532429	530	1
3 m G3/4 female -G3/4 female	6568196	530	1
3 m CGA540 female-G3/4 female	6568255	530	1
3 m W21.8x W21,8x1/14 female-G3/4 female	6568202	530	1
3 m M24x2 female-G3/4 female	6568205	530	1
3 m M26x2 male-G3/4 female	6568208	530	1
3 m BS341No3-G3/4 female	6568256	530	1
5 m G3/4 female - G3/4 female	6568197	530	1
5 m CGA540 female-G3/4 female	6568200	530	1
5 m W21,8x1/14 female-G3/4female	6568203	530	1
5 m M24x2 female-G3/4 female	6568206	530	1
5 m M26x2 male-G3/4 female	6568209	530	1
5 m BS341No3-G3/4 female	6568257	530	1

High-Pressure Breathing Gas Technology

Dräger Oxygen Booster

Description	Order Code	Product Category	Packing unit
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Adapter

Adapter PS 220 G3/4 male – M24x2 female	6531368	530	1
Adapter PS 220 G3/4 male – W21,8x1/14 female	6530889	530	1
Adapter PS 220 G3/4 male – CGA-540 female	6531413	530	1
Adapter PS 220 M16x1.5 male – Bullnose BS34In3	6537990	530	1
Adapter PS 225 G3/4 female – M16x1.5 male / with residual pressure valve	6549012	530	1
Adapter PS 225 G3/4 female – G3/4 male / with residual pressure valve	6549013	530	1
Adapter for oxygen and nitrox PS 220 G3/4 male – M26x2 male	6531940	530	1
Adapter nitrox PS 220 G3/4 male – M24x2 female	6530922	566	1

Engineered Solutions

COLPRO

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Supply Systems

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CWS 7000 – Containerised workshop solution - Featuring MFC 7000

861

CWS 5000 – Containerised workshop system with separate containers for cleaning maintenance and filling of cylinders

863

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Engineered Solutions

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Description	Order Code	Product Category	Packing unit	Price/ea Excl. VAT
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Colpro CBRN Protection Systems

Dräger CBRN protection systems for vehicles, containers and tents provide protection for occupants against chemical, biological, radiological and nuclear (CBRN) threats.

= Whether for stationary or mobile use, Dräger tailors the required system to the customer-specific application. With high-quality CBRN protection systems, Dräger offers effective protection against threats such as respirable dusts, contaminated particles, aerosols, bacteria, viruses, toxins, chemical warfare agents and toxic industrial chemicals (TICs).

The filter system works with three or four filter stages that build on each other: A coarse dust separator removes up to 98 % of the coarse dust and returns it directly to the outside air. In the second stage, a pre-filter (optional stage) removes further coarse dust from the air. In the third stage, special filter papers ensure that even the smallest particles of biological substances are retained, while in the final stage an activated carbon filter ensures that toxic chemicals, or chemical warfare agents, are removed from the air.

A complete solution in the field of NBC protection systems for vehicles/containers/tents always includes a pressure relief valve to regulate the required room overpressure and a manometer to monitor the room overpressure, as well as a component to monitor the breathing air quality (min. CO/CO₂ content).

A combination with devices for radiation or gas measurement is possible.

For a quotation for a complete system solution, please contact the Solution/Product Management.



Engineered Solutions

Description	Order Code	Product Category	Packing unit
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NBC-Protection / Colpro NBC Protection Systems Standard

The following NBC protection systems are currently being manufactured to order and are suitable for a wide range of applications and installation situations.



3-Stage	SP20943	SBL100M
4-Stage	SP23269	SBL100M
4-stage	SP23588	SBL100M

Vehicle-specific systems

Certain NBC protection systems that were once developed for a specific customer application (e.g. Panzeraubitze 2000, Leopard 2, etc.) can still be produced. Due to the necessary production ramp-up, a profitability analysis and a minimum number of units are required.

If required, please consult with the responsible product management.



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Description		Order Code
NBC combination filter 50cbm	SBL100	6911900
NBC particulate filter H11 50cbm	SBL100	6726312
F7 prefilter 50cbm	SBL100	6738575
NBC particulate filter H14 100cbm	AFU 100	6740190
NBC gas filter 100 m ³ /h	AFU 100	6740180
NBC gas filter 45 m ³ /h	Diverse (Bsp.: LeopardI)	6911977
NBC gas filter 60cbm	Example: Leopard2, Fuchs, Marder	6739870
NBC particulate filter H14 180cbm	Example: Leopard2, Fuchs, Marder	6739643
NBC combination filter 60cbm	Example: PzH 2000, AFU 120, AFU60	6911970
Filter adapter (Designed as 60 cbm combination filter)	Example: PzH 2000, AFU 120, AFU60	6737577
Particulate filter F7 60cbm (Fits to adapter 6737577)	Example: PzH 2000, AFU 120, AFU60	6737578
Particulate filter H14 60cbm (Fits to adapter 6737577)	Example: PzH 2000, AFU 120, AFU60	6927219



Accessories

Relief valves

The required interior overpressure depends on the expected wind speed in the area of application of the system and its own speed (the higher the resulting wind speed of the system, the higher the required overpressure).

For this reason, various adjustable overpressure valves are available depending on the application.

Pressure range [mbar]	Order Code
8-20	SP11077
3-7	SP11084
2-7	SP11085
3,5	SP11061
6-18	SP11083
2,5	6740230
5	6740238
7	6740239

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Pressure range (max./warning) mbar	Order Code
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NBC-Protection / Colpro

Pressure gauge

In order to be able to detect a safety-critical drop in the room overpressure quickly, e.g. in the unlikely event of a failure of the NBC protection system or because the sealing state has not been fully established, the room overpressure must be monitored. Pressure gauges with different measuring ranges are available for this purpose, depending on the application.



2/4	E08689
4/8	E08787
4/8 As E08787 but w/o NSN	E11486
6/12	6738150
6/12	6736805
6/12	6920456

Breathing air monitoring

Under special operating conditions, or in the event of a failure, malfunction or operating error of the NBC protection system, increased concentrations of carbon monoxide or carbon dioxide may occur.

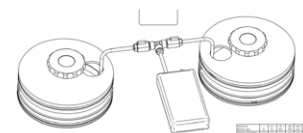
In order to be able to immediately recognise such unsafe conditions for the crew and to be warned or alerted, various solutions from the Dräger gas detection portfolio are available.

If required, please consult with the responsible product management.

Testing equipment

Test device for air leakage extraction (SP23148) for NBC protection systems of the SBL100 series:

Description	Order Code
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Leakage testing device for SBL 100	SP23148
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Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Supply Systems ERQ 3000

The Dräger ERQ 3000 is a mobile air charge system which allows emergency responders and firefighters to refill their breathing air cylinder – without interrupting air supply to their SCBA. The ERQ 3000 provides operational flexibility and safety in an increasingly challenging emergency response environment.

Longer operations in challenging environments

Emergency operations in large buildings or tunnels while using SCBA have numerous challenges. Time is limited and precise air management is essential. The ERQ 3000 provides options and adds much needed operational flexibility. The ERQ 3000 can be quickly deployed and safely refill the air cylinder, without the need to remove the SCBA – significantly improving the safety of the emergency responders and provides options for longer operations in hostile environments.

Easy connect and quick refill

Due to its easy mobility, the ERQ 3000 can be strategically located, allowing equipment users to fill up their air cylinders at any time. The users simply need to plug in their compressed air breathing apparatus using the Quick Fill connectors to the ERQ 3000. Within seconds, a 300 bar / 4,350 psi cylinder with a 9-litre capacity is completely filled. The charging process can be interrupted at any time by simply detaching the connection plug – giving total control to the SCBA wearer.

Made to be moved

The Dräger ERQ 3000 significantly reduces your logistic requirements. It allows one person to safely move a large volume of compressed air that can be used to refill air cylinder while the users are under protection of their SCBA. Using the latest cylinder technology, the Dräger ERQ 3000 weight has been kept to a minimum allowing the ERQ 3000 to be moved via lifts and long distance in tunnels with minimal effort.

Proved technology

Dräger Quick Fill technology is at the heart of the operation of the ERQ 3000. This technology has been tested and proven over decades in mines rescues and escape technology.



Engineered Solutions

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Description	Order Code	Product Category	Packing unit
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Supply Systems

ERQ 3000	
Size dimensions	1600 x 1200 x 1700 mm (L x W x H)
Weight	160 kg
PS	350 bar
Refills performance	6 cylinders (9 Liter 300 bar) 60 bar to 300 bar
Refill capacity	2 SCBA sets can be filled at the same time
Fill time	Average fill time per cylinder is under 1 minute
Addition fills	After the 6 fills the ERQ 3000 system would also be able to add extra air to a depleted cylinder but would not achieve the complete 300 bar fill after the 6 sets have been filled.

Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Supply Systems

Dräger D-7000, D-8000, D100, Twin Charge

The Dräger Quick Fill Station (QFS) is the innovative alternative for escape strategies. The QFS system greatly increases workers safety during escape situations by eliminating the need to switch between multiple SCSRs, and utilising an SCBA – therefore enabling verbal communication, and providing a refillable source of fresh breathing air.

Independent and stand-alone

Operating independently from ambient air and designed to withstand the harshest conditions, the Dräger Quick Fill Station enables miners and site personnel to safely escape from an underground emergency or enhance the capabilities of underground firefighting teams. The filling panel allows up to six SCBA sets to be filled simultaneously and independently. The unit is simple and intuitive to use even in low visibility or smoke filled environments.

Connect, start, ready to go

Dräger Quick Fill Stations are installed at strategic points underground, allowing the SCBA wearer to fill up their air cylinders at any time independently from any external services. Simply connect the breathing apparatus to the Dräger Quick Fill Station using one of the six Quick-Fill connectors and activate the device. Within seconds, a 300 bar cylinder with a 9 litre capacity is completely filled and the user is ready to go. The charging process can be safely aborted at any time by simply detaching the connector – for instance, in an emergency.

No need for multiple sets of equipment

The self-contained breathing apparatus remains with the user throughout the operation. During underground escape, miners and site personnel are provided with an uninterrupted supply of breathing air while escaping to safety. When used for firefighting, emergency crews do not have to interrupt their work to change equipment when their air supply is exhausted – this saves valuable minutes, allowing them to extinguish a fire or rescue casualties.

Robust design and highly transportable with QDS

All internal, high-pressure stainless-steel pipework is secured against vibration to eliminate air leaks. The Dräger Quick Fill Station can be easily transported using the in-built forklift slots on all sides or an optional Quick Detach Systems (QDS) that is employed by heavy lifting vehicles in mining operations. Once the station is in position underground, the isolation valves can be locked open to make sure the unit is always ready to go and prevent accidental isolation of the breathing air storage bank.



Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Supply Systems

Low maintenance

The Dräger Quick Fill Station is designed to require minimal maintenance. On top of the annual inspection, the system needs a service only every 5 years. Dräger's service network ensures that a technician can be on-site quickly for all your maintenance and repair needs.

D-7000	
Dimensions	2000 x 1670 x 1350 mm (L x W x H)
Tare Weight	2960 kg (no QDS) / 3550 kg (with QDS)
PS	345 bar
Operating temperature range	5 – 50 °C
Filling panel connections	6 x FDI7 quick couplings
Air battery	20 x 50 L/350 bar cylinders
SCBA filling pressure	max. 300 bar
Filling capacity	60 x 9 L/300 bar SCBA sets (@ 345 bar storage pressure)
D-8000	
Dimensions	2180 x 1672 x 1406 mm (L x W x H)
Tare Weight	4200 kg (no QDS) / 4700 kg (with QDS)
PS	345 bar
Operating temperature range	5 – 50 °C
Filling panel connections	6 x FDI7 quick couplings
Air battery	20 x 50 L/350 bar cylinders
SCBA filling pressure	max. 300 bar
Filling capacity	80 x 9 L/300 bar SCBA sets (@ 345 bar storage pressure)
D-100	
Dimensions	2250 x 1860 x 1420 mm (L x W x H)
Tare Weight	5200 kg (with QDS)
PS	345 bar
Operating temperature range	5 – 50 °C
Filling panel connections	6 x FDI7 quick couplings
Air battery	30 x 50 L/350 bar cylinders
SCBA filling pressure	max. 300 bar
Filling capacity	100 x 9 L/300 bar SCBA sets (@ 345 bar storage pressure)
D-8000 Twin Charge	
Dimensions	2210 x 1770 x 1406 mm (L x W x H)
Tare Weight	4781 kg (with QDS)
PS	350 bar
Operating temperature range	5 – 50 °C
Filling panel connections	12 x FDI7 quick couplings
Air battery	25 x 50 L/350 bar cylinders
SCBA filling pressure	max. 300 bar
Filling capacity	80 x 9 L/300 bar SCBA sets (@ 350 bar storage pressure)

Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Supply Systems

Oxygen Supply Trolley, U 4000

The supply of oxygen in the right quantity and of the appropriate quality is indispensable in emergency situations during a flight. Therefore, an oxygen supply should always be provided. The mobile oxygen supply trolley is a mobile oxygen transfer station for filling oxygen cylinders in the aircraft. The integrated Dräger oxygen transfer pump ensures simple and safe filling of the installed oxygen storage cylinders.

- Mobile use due to trolley design and transport support by forklift bag and crane eyes
- Permanent control and overview of the filling process
- Permanently installed 300 bar storage cylinders (4 x 50 L)
- Automatic shut-off at final pressure
- Safe use due to stable and closed trolley system
- Safe filling of the permanently installed oxygen cylinders by the integrated oxygen transfer pump

Operating unit

(pump operation and overflow operation on different sides)

- Filling of 200 bar target cylinders (mains operation)
- Filling of 300 bar supply cylinders (mains operation)

Hose reel

with spring return for safe filling of the target bottles (external)

300 bar cylinders

for filling target cylinders in pump but also cascade mode (optimum utilisation of the storage volume)



U 4000		
Dimensions	2470* x 1210 x 1581 mm (L x W x H)	*Length incl. drawbar
Weight approx.	1450 kg	
PS	300 bar	
Operating temperature range	-10°C to +40°C	Pump operation
Power supply:	400 V, 50 Hz, 16 A	5 m connection cable
Delivery rate:	2 - 4 L/min	9 m filling hose
Filling connection	EN144-2, M22 x 1,5l	

Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Supply Systems Dräger Oxygen Container 10'

The Dräger Oxygen Container simplifies the refuelling of an aircraft or other systems with oxygen. It ensures a high level of safety for the operator. The containerized design with a large oxygen volume and complete independence of power supply - in combination with the all-terrain truck - can ensure the supply of oxygen even in harsh, remote areas.

Refilling of the oxygen storage tanks is possible without the critical and extensive disassembly of the oxygen storage cylinders.

- Mobile oxygen supply system
- 18 x 50 L x 300 bar oxygen storage cylinders
- Dräger oxygen transfer pump (DOB)
- Emergency power generator
- Oxygen monitoring system
- Firefighting system with sprinkler system
- 30 m filling hose



Dräger Oxygen Container 10'

Dimensions	2999 x 2438 x 2438 mm (L x W x H)	Container isolated
Weight approx.	7000 kg	
PS	300 bar	
Operating temperature range	0°C to +45°C	Internal temperature
External power connection:	CEE-plug, 5 pole, 32 A	
Delivery rate:	2 - 4 L/min	

Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Supply Systems Dräger Breathing Gas Container 20'

The Dräger Breathing Gas Container is a completely functional and independent supply unit that provides the consumer with the breathing gas required and protects the installed equipment from environmental influences. The 20" ISO container is insulated and divided into three sections:

- Gas storage area - Work area - Technical area -

An installed emergency generator supplies the most important consumers with the appropriate voltage.

Breathing air, oxygen and mixed gases can be stored and distributed in the container.

- Mobile breathing gas supply system
- 2 x 50 L x 300 bar breathing air storage
- 4 x 50 L x 200 bar oxygen storage
- 3 x 50 L x 200 bar mixed gas storage
- Dräger oxygen transfer pump (DOB)
- Breathing air compressor
- Oxygen monitoring system
- Emergency generator incl. tank

Workshop area incl.:

- Cabinet for equipment
- Workbench for maintenance work
- Breathing air monitoring (Air Guard 6500)
- Breathing air filler bar 200 / 300 bar
- Mixed gas panel Nitrox 200



Dräger Breathing Gas Container 20'		
Dimensions	6058 x 3400 x 3480 mm (L x W x H)	Dimensions incl. Attachments
Weight, empty approx.:	6220 kg	
Pressure breathing air	300 bar	
Pressure oxygen, mixgas	200 bar	
Operating temperature	0°C bis +50°C	Outdoor area
Electrical connection	400 V, 32 A	

Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Breathing Protection Solutions

Dräger Mines Rescue Vehicles MRV 9000 & MR Fire Truck

The Dräger MRV 9000 and MR Fire Truck are the answer in an ever-changing mining environment. These robust vehicles extends the mission time for mines rescue teams by providing safe transportation closer to the incident. Innovative and customer driven – these Mine Rescue Vehicles are unique solutions in the field of mines rescue worldwide.

Independent from ambient air

The driver's cabins and the rescue cassette are equipped with an air purging system. This system is independent of the ambient air and provides breathing air for the onboard personnel. Once a team member or the complete team has exited the vehicle equipped with personal breathing protection, the air flow in the relevant compartment can be manually reduced. As a result, breathing air from the onboard cylinders can be conserved to provide additional time for the overall mission. Once the team returns to the vehicle and the compartment has been successfully flushed, their individual breathing apparatuses are no longer required.

Monitoring system for safety underground

A gas monitoring system reliably measures the concentrations of oxygen, carbon dioxide and carbon monoxide inside each vehicle and optional in the ambient air. If thresholds are exceeded or fall short, the onboard personnel will be warned by visual and acoustic signals. Thermal imaging and CCTV cameras installed outside of the vehicle support the driver's orientation in forward and backward motion in a dusty, smoke-filled environment and can help detect trapped miners. Deep underground, where temperatures are extremely balanced and when no navigation adds are installed, a navigation package which combines the information from thermal imaging cameras and 24 GHz radar sensors into one picture, may enhance further the rescue vehicle's capabilities.

Combined expertise

The chassis of both vehicles have been designed by Hermann Paus Maschinenfabrik GmbH, a renowned vehicle manufacturer specializing in mining applications. The chassis is well-tested, strong and robust for harsh underground mines conditions. In addition, cooperation with a specialized vehicle manufacturer enables low maintenance efforts as PAUS only uses components established and proven in mining and tunneling. By combining the knowledge and expertise of PAUS together with the well-known competence of Dräger in the field of rescue and refuge solutions, breathing protection and gas monitoring, the MRV family provides both quality and industry-specific design. The renowned specialist for fire extinguishing equipment Rosenbauer completes the vehicle to make it an advanced fire-fighting truck for underground scenarios.



Engineered Solutions

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Description	Order Code	Product Category	Packing unit
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Breathing Protection Solutions

Customer driven

Close cooperation with our customers initiated and drove the development of a mine rescue solution based on the current and future challenges of a mine. The in-depth knowledge of our customer together with our competences made it possible to not only develop mine rescue vehicles, but to create a customer driven innovative solution. Each component of the mine rescue vehicle mirrors the needs of the mine rescue team in deeper and longer mines taking mines rescue into the twenty-first century.

MRV 9000 (Basic-version without Options, without Transport, without refilling equipment)	-	534
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Engineered Solutions

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Description	Order Code	Product Category	Packing unit	Price/ea Excl. VAT
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Breathing Protection Solutions Dräger Mine Refuge Chamber MRC 5000

During an emergency, Dräger-Simsa mine refuge chambers provide mining personnel both shelter and breathing protection with the highest quality and safety standards. The robust and highly portable construction, as well as a low cost of maintenance, makes them ideally suited for diverse underground conditions.

Designed for extreme underground mining conditions

Dräger-Simsa mine refuge chambers are designed to provide a safe atmosphere in the harshest metal and nonmetal underground mining conditions. The heavy-duty double steel wall layers are full seam welded to improve strength, rock fall resistance and hull pressure integrity. A hardened base with a sleigh type design in addition to forklift slots and lifting lugs allow for the safe and easy transportation of chambers inside the mine.

Fail-safe breathing air supply

The availability of a breathable atmosphere is critical during an underground emergency. Dräger-Simsa MRC 5000 has redundant air supply systems to ensure that the provision of safe and clean breathing air cannot be compromised during operation. The mine air supply is filtered and released into the chamber. If mine air supply is interrupted, and personnel have to remain inside the refuge for a longer period of time, the air inside the chamber is regenerated. The oxygen system releases a controlled amount of oxygen and the air within the chamber is recirculated through an air scrubbing system where carbon dioxide (CO₂) is removed using Dräger-sorb® soda lime. An automatic pressure system provides a minimum 100 Pa positive pressure to prevent the ingress of contaminants into the refuge chamber and maintain a safe atmosphere.

Carbon monoxide – monitoring & control

The concentration of carbon monoxide (CO) within the Dräger-Simsa MRC 5000 is constantly monitored. Should a build-up of CO be detected during operation, the CO catalysis must be activated by the user, to keep the concentration at a safe level.

Breathing air regeneration system and power backup systems

In an emergency, external power or air supply may not be readily available. The Dräger-Simsa MRC 5000 are self-sufficient and do not depend on external air or power supplies to keep occupants safe. The air inside the chamber is regenerated by the CO₂ scrubbing materials in the breathing air regeneration system. The breathing protection unit has a dedicated battery backup system and each fan works independently. High pressure cylinders replenish the oxygen in the chamber based on the needs of the occupants. A gas monitoring system monitors the atmosphere in the chamber and alerts the occupants when adjustments are required to the oxygen supply and/or scrubbing functions.



Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Breathing Protection Solutions

Furthermore, the necessary energy for air conditioning, instrumentation, and illumination systems is supplied from a maintenance-free battery backup system which together with the inverter/charger system ensures the continuous power supply for possible periods of up to 96 hours. The air conditioning system provides the chamber with an interior temperature and humidity at acceptable conditions.

Gas detection technology for monitoring and alarm activation

Inside the Dräger-Simsa MRC 5000, the internal atmosphere is always continuously monitored for CO₂, CO and O₂ deficiency using Dräger's industrial range of gas detection equipment. Dräger gas sensors provide quick response time and are built for longevity. If predefined alert thresholds are exceeded, the gas monitors emit both visual and acoustic warning signals to warn the occupants rapidly of potential gas hazards. This provides the opportunity to quickly adjust the systems and thus maintain a safe atmosphere.

MRC 5000

One standard chamber layout, only varying in length, suits different numbers of occupants.

Persons	8, 10, 12, 16, 20
Stand-alone duration time	24 or 36 hours
Ambient temperature rang	0 °C to 45 °C
Electrical supply voltage	230 V, 50/60 Hz
Positive pressure (option)	min. 100 Pa

Applicable Norms and Standards*

EN 12021	Compressed air for breathing.
2014/68/EU	Pressure device directive
IEC 60364	Low voltage electrical installa

* Other Norms and Standards and Configurators are available depending on Region

MRC 5000 (Basic-version without Options, without Transport)	207	-
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Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Breathing Protection Solutions Temporary Refuges for Oil & Gas

Accidents on drilling facilities have proven that refuge chambers do play a vital role in the safety of the workers. Dräger modular temporary refuge systems offer personnel a safe haven to escape to when the ambient air is contaminated and ensure effective emergency management based on a coordinated system that includes escape devices and refuge chambers. Workers are protected by isolation technology against hazardous atmospheres and are able to prepare for further actions called for by the emergency response plan.

Robust and safe

In general, Dräger's refuge shelters are designed for three hours protection against harmful ambient gases. The integrated purge system is working independently from ambient and will be activated when personnel will enter the shelter. The purge system will establish a positive pressure inside the shelter as well as increase the oxygen concentration and reduce carbon dioxide concentration. At the same time humidity and temperature generated by personnel will be purged out. The shelter is equipped with an airlock system including airlock purge panel, which will already significantly reduce the concentration of harmful gases to be carried in. The shelter is welded leak tight to ambient according to the application needs. A system to establish a positive pressure inside during standby is not required.

Gas detection technology for monitoring and alarm activation

Inside the Dräger escape chamber, the internal atmosphere is always continuously monitored for CO₂ and O₂ deficiency using Dräger's industrial range of gas detection equipment. Dräger gas sensors provide quick response time and are built for longevity. If predefined alert thresholds are exceeded, the gas monitors emit both visual and acoustic warning signals to warn the occupants rapidly of potential gas hazards. This provides the opportunity to quickly adjust the systems and thus maintain a safe atmosphere. Four additional Dräger gas sensors are installed outside, which may be selected according to the ambient hazard expected. Alarms and warnings are displayed inside the escape chamber alert for potential hazards outside.

Simple and safe use - the One Button System Start

To reduce the potential for missing activation steps in an emergency, all chamber systems are started automatically when activation button is actuated: Illumination, air conditioning, air purging and gas detection.

As simple as it can be for a customer

The shelter will be fully tested according to its Draeger specification at construction site in Germany. Installation and commissioning at customers site do in general only contain:

- place the shelter where defined (customer)
- connect power supply (customer)
- calibrate sensors (Draeger Service or trained customer)

No further activities are required



Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Breathing Protection Solutions Refuge Chambers or Rooms for the Chemical / Process Industry

During an emergency, Dräger refuge chambers provide personnel both shelter and breathing protection with the highest quality and safety standards. The robust construction, as well as a low cost of maintenance and the smart range features, makes them ideally suited for diverse working conditions in the chemical and process industry.

Safe escape

Dräger's refuge shelters are designed for three or more hours protection against harmful ambient gases. The integrated purge system is working independently from ambient and will be activated when personnel will enter the shelter. The purge system will establish a positive pressure inside the shelter as well as increase the oxygen concentration and reduce carbon dioxide concentration.

When started, the refuge chamber purges the main room with a high amount of fresh breathing air until all personnel dedicated for are inside. After the door interlock systems for the airlock gets into operation and the breathing air inside the main room goes into regeneration mode.

The shelter is equipped with an airlock system including airlock purge panel, which will already significantly reduce the concentration of harmful gases to be carried in. For personnel which gets contaminated on the escape route, the airlock may be equipped with a shower facility to wash off contamination before entering the main room.

Fail-safe breathing air supply

The availability of a breathable atmosphere is critical during an emergency. Dräger refuge chamber has redundant air supply systems to ensure that the provision of safe and clean breathing air cannot be compromised during operation. The external process air supply is filtered and released into the chamber. If the external air supply is interrupted, and personnel must remain inside the refuge for a longer period, the air inside the chamber is regenerated. The oxygen system releases a controlled amount of oxygen and the air within the chamber is recirculated through an air scrubbing system where carbon dioxide (CO₂) is removed using Dräger'sorb® soda lime. An automatic pressure system provides a minimum 100 Pa positive pressure to prevent the ingress of contaminants into the refuge chamber and maintain a safe atmosphere.

Gas detection technology for monitoring and alarm activation

Inside the Dräger refuge chamber, the internal atmosphere is continuously monitored at all times for CO₂ and O₂ deficiency using Dräger's industrial range of gas detection equipment. Dräger gas sensors provide quick response time and are built for longevity. If predefined alert thresholds are exceeded, the gas monitors emit both visual and acoustic warning signals to warn the occupants rapidly of potential gas hazards.

Simple and safe use - the One Button System Start

To reduce the potential for missing activation steps in an emergency, all chamber systems are started automatically when activation button is actuated: Illumination, air conditioning, air purging and gas detection.



Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Breathing Protection Solutions Equipment for Fixed Refuge Rooms Mining

During an emergency, mine refuge rooms equipped with Dräger life support technology provide mining personnel both shelter and breathing protection with the highest quality and safety standards. The robust and highly portable design of the components, as well as a low cost of maintenance, makes them ideally suited for diverse underground conditions.

Fail-safe breathing air supply

The availability of a breathable atmosphere is critical during an underground emergency. Dräger refuge room equipment allows for redundant air supply systems to ensure that the provision of safe and clean breathing air cannot be compromised during operation. The mine air supply is filtered and released into the room. If mine air supply is interrupted, and personnel must remain inside the refuge for a longer period, the air inside the room is regenerated. The oxygen system releases a controlled amount of oxygen and the air within the room is recirculated through an air scrubbing system where carbon dioxide (CO₂) is removed using Drägerorb® soda lime. An automatic pressure system provides a minimum 100 Pa positive pressure to prevent the ingress of contaminants into the refuge room and maintain a safe atmosphere.

Carbon monoxide – monitoring & control

The concentration of carbon monoxide (CO) within the Dräger equipped refuge room is constantly monitored. Should a build-up of CO be detected during operation, the CO catalysis must be activated by the user, to keep the concentration at a safe level.

Breathing air regeneration system and power backup systems

In an emergency situation, external power or air supply may not be readily available. The Dräger equipped refuge power supplies to keep occupants safe. The air inside the room is regenerated by the CO₂ scrubbing materials in the breathing air regeneration system. The breathing protection system has a dedicated battery backup system. High pressure cylinders replenish the oxygen in the refuge room based on the needs of the occupants. A gas monitoring system monitors the atmosphere in the room and alerts the occupants when adjustments are required to the oxygen supply and/or scrubbing functions. Optional this function may be automated, based on the customer's requirements.

Furthermore, the necessary energy for air conditioning, instrumentation, and illumination systems is supplied from a maintenance-free battery backup system which together with the inverter/charger system ensures the continuous power supply for possible periods of up to 96 hours.

Always on the edge of development for the customer

The patented ice-based air conditioning system provides the room with cooling and reduction of humidity to acceptable conditions and provide all this with a minimum of electrical power supply when the external power supply is compromised.



Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Breathing Protection Solutions Breathing Protection on Ships

Today vessels are often used in environments with hazardous substances in the ambient air and still must fulfil their tasks. When ships and their cargo are damaged at sea, hazardous substances may be released. Especially burning freight will release an extremely harmful cocktail of gases, particles, and smoke. Finally, yet importantly, attacks with gas or chemicals may endanger the scene.

All these threats in conjunction with changing winds, unknown substances in the air, persons threatened by fire and the pollutants require a breathing protected environment for emergency responders and victims.

Operational Scenarios

In general, vessel breathing protection systems are used in two different scenarios. Detect and Escape or Detect and Stay. Today, breathing protection on board are more and more used in civil applications. Responder ships, tugboats for LNG driven ships, offshore supply vessels and even cargo vessels entering waters endangered by pirates or terrorists are more and more equipped with breathing protection.

Safety first

Detection of the hazards and alarming is the first step of protection. Shutting off and pressurizing the essential operational rooms and enclosures (e.g., navigational bridge, accommodation, ships mess room, canteen, sanitary rooms, etc.), ensures that the hazardous atmosphere remain outside. Sophisticated air locks and retention technology allows persons to leave and enter the protected rooms. This may be enhanced with airline supply systems allowing emergency responder forces and rescued persons to breathe hose supplied air while they stay outside the protected rooms or inside an airlock. Finally, the vessel may be equipped with decontamination facilities to avoid bringing any adhering contamination into the protected rooms.

Detection Concept

The purpose of the whole detection system is to warn the crew about present threats. The purpose is not to perform precise measurements and determination of all present substances like in a laboratory, but to warn the crew without any delay of the presence of harmful substances around which allows to protect themselves. Whether toxic industrial compounds, chemical warfare agents, radiation, or even biological contaminants - based on its vast experience Dräger delivers the smart solution matching exactly the customers' needs.



Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Breathing Protection Solutions Dräger Refuge Room Supply Container BAS 1100 / 1200 / 1300

For personnel working in control rooms of industry or even society relevant infrastructure, like for example power plants, there is no way to leave and let the plant without control, when the breathable atmosphere around them gets compromised by toxic gas/smoke. A way of providing a safe breathing atmosphere are the Dräger Breathing Air Supply containers BAS. Delivering enough clean breathing air from storage cylinders into the control room keeps the infrastructure alive.

Isolation protection without much interference

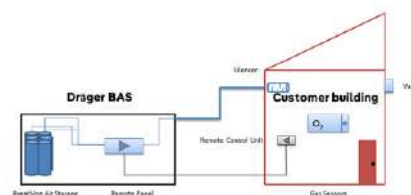
The Breathing Air Supply systems are based on a container design and will be installed outside the room or building. The container will incorporate all the technology to provide and distribute the air into the designated area. To prevent ingress of contamination, independent of the environmental atmosphere, the air is used to provide a positive pressure inside the room or building and to replenish the breathing air inside.

Always prepared to protect

To recharge the high pressure cylinders a breathing air compressor (accord. DIN EN 12021) can be part of the system, mobile or fixed. With filled cylinders the system is ready at any time to respond the hazard when necessary.

Prepared for the unwanted

Inside the container is an optional air conditioning system which to keep the temperature inside at a certain level, when the ambient temperatures are getting too high or too low. If required, the air condition system will be switched off automatically when a contamination alarm is raised. Optional an ATEX approved split air conditioning system can be provided.



Engineered Solutions

Description	Order Code	Product Category	Packing unit
BAS 1100/1200/1300			
Type	BAS 1100	BAS 120	
Container Size (Feet)	10	20	
Cylinder Storage Capacity (max. no. of racks with 12 pressure cylinders each)	3	10	
Max. number of persons to be protected by one Dräger BAS	200	200	
Maximum Runtime at max. purge flow and max. number of cylinder racks [min]	45	150	

Engineered Solutions

Description	Order Code	Product Category	Packing unit	Price/ea Excl. VAT
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Breathing Protection Solutions Dräger Cabin Breathing Systems CBS

Today in many applications like tunnel rescue, mine rescue or forest fire, responder personnel need to escape in their vehicle while communicating to share actual information about the situation or even providing first aid.

In all these situations the Dräger Cabin Breathing System CBS 1000 is a compact solution to equip existing vehicle cabins with a short duration breathing protection. With the stored clean breathing air, the breathing protection is independent of the environmental atmosphere.

The combined expertise of fire-fighters, vehicle manufacturers and Dräger led to an easy to install, easy to use, and allow by its modular set-up the implementation into a huge variety of vehicle application, if wildland fire fighting, tunnel rescue or underground mines rescue.

When time is of the essence

In emergency situations, conditions can deteriorate rapidly. The air is suddenly filled with smoke or toxic fumes and rapid escape is the only available option. The system provides clean breathing air to occupants in vehicle cabins which are not sealed or in another way protected against ingress of gaseous contaminants. In conjunction with the successful Dräger full or half masks a high performance and cost-effective breathing protection is achieved for the occupants.

Safety first

The whole system is tested for breathing resistance and holding times in accordance with EN 402:2003.

No space to give away

The unit is designed to consume just the minimal space necessary and fits even into the smallest cabin. Small and compact it is easy to mount into nearly every vehicle. The mounting plate keeps the unit safe in place, even in extremely uneven and bumpy terrain.

Tailor-made fit by modularity

The modular system design allows vehicle manufacturers or outfitters to equip cabins for different numbers of occupants and different ways of combining end-customers equipment and wishes to a safe cabin breathing system.



Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Breathing Protection Solutions

Easy to adapt

As simple as with our modern breathing apparatuses the cylinder straps can quick and easy adjusted to fit different cylinder size.

Always aware

Equipped with proven warning whistle and high-pressure content gauge the occupants are always aware of the protection status available. Quick restoration for the next mission

Quick restoration for the next mission

Thinking ahead makes the difference. Fixed with adjustable straps the exchange of cylinders after a mission or training takes seconds. Because of the quick couplings used the exchange of used lung demand valves and masks is even quicker after mission or training.

CBS 1000			
Possible cylinder sizes	6 L steel up to 9 L composite		
The following cylinder dimension can be used with the unit (typical cylinders from 6 L steel up to 9 L composite in Europe)			
Cylinder diameter	140 to 180 mm		
Cylinder length (without valve)	510 to 570 mm		
Max. number of persons to be protected by one Dräger CBS 1000	4		
Protection time with 6.8 L/ 300 bar cylinder for 4 persons (acc. EN 402)	10 minutes		
Protection time with 9 L/ 300 bar cylinder for 4 persons (acc. EN 402)	15 minutes		
Weight of CBS without cylinder and protective equipment	3,2 kg		
Maximum rated working pressure	300 bar		
Basic Unit Dräger CBS 1000	6927200	502	1
PPE Set Dräger CBS 1000 - Half Mask	6927210	502	1
PPE Set Dräger CBS 1000 - Full Face Mask Dräger Panorama Nova	6927211	502	1
PPE Set Dräger CBS 1000 - Full Face Mask Dräger FPS 7000	6927213	502	1

Further system components are under development and project solutions are available for any kind of application.

Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Filling Logistic Dräger Air Guard 6000 series

The Dräger Air Guard 6000 series is a compact system that permanently monitors and documents the purity of breathing air in relation to CO, CO₂, O₂, humidity and oil according to DIN EN 12021:2014

- Connection to the Drägerware for documentation of the breathing air quality in the individual breathing air bottles
- Gas measurement by Dräger sensors
- Display of measured values on the integrated display
- Potential-free contact to shut down the compressor and pruging of the airline system
- E-Mail alerting if limits are exceeded
- External access to the measured values through web interface
- Acoustic alarm when the limit is exceeded
- Available in HP (200-300 bar) and LP (6-10 bar) versions
- Dräger Air Guard 6700 with the optional extension of sensors to the H₂S



Dräger Air Guard 6000 series (configurable)			
Dräger Air Guard 6500 LP (CO, CO ₂ , O ₂ , humidity and oil)	6910440	226	1
Dräger Air Guard 6500 HP (CO, CO ₂ , O ₂ , humidity and oil)	6910440	226	1
Dräger Air Guard 6700 LP (CO, CO ₂ , O ₂ , humidity and oil + H ₂ S)	6910440	226	1
Dräger Air Guard 6700 HP (CO, CO ₂ , O ₂ , humidity and oil + H ₂ S)	6910440	226	1

50 ppm CO test gas	6811117	953	1
500 ppm CO ₂ test gas	6812383	953	1
20,9 % O ₂ test gas	6813239	953	1
5 ppm isobutylene test gas	6813685	953	1
15 ppm H ₂ S test gas	6814199	953	1
99,999 % N ₂ test gas	6810394	953	1
Control valve Basic 0.5 L/min (required for all test gases)	6810397	953	1
Calibration adapter V (only for CO and O ₂ with hose)	6810536	348	1

Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Filling Logistic Gas Detection Kit, GDK 3200

Aircraft tanks must be cleaned before each flight operation and maintained at certain intervals. Prior to boarding by qualified personnel, the tank must be checked for any harmful gas concentrations that may be present. The GDK 3200 measuring system facilitates the inspection due to the integrated components and therefore offers a solution for simple and quick measurement.

- Safe measurement due to two detection modules: Paraffin and oxygen
- Alarms: visual, audible
- One safe power supply, mains voltage and UPS (30 min)
- Clear display of the measured values by means of a multifunctional display
- Mobile use, case-based application
- EX-free measurement due to measuring probe and measuring hose



GDK 3200	
Dimensions (W x H x D):	800 x 581 x 482 mm
Weight approx.:	53 kg
Operating temperature:	0°C to +50°C
Power supply:	230 VAC, 50 Hz, 1,9 A
Distance measurement:	25 m gas hose
Grounding:	10 m grounding cable
Compliance Certification according to CE directive	2014/35/EU Low-Voltage Directive 2014/30/EU Electromagnetic compatibility DIN EN ISO 12100 Safety of machinery EN 50270, IEC 61000

Engineered Solutions

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Description	Order Code	Product Category	Packing unit
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Component and system solutions Cylinder Reservoir – Breathing Air

Cylinder reservoir - breathing air

- Gas volume 50 L
- Diameter approx. 229 mm
- Cylinder height, 6531462, 6526395: approx. 1750 mm (incl. cap)
- Cylinder height, 6530410: approx. 1800 mm (incl. cap)
- Cylinder valve connection: G 5/8"
- Cylinder connection in acc. to DIN EN 144-2 (EN ISO 12209)
- empty
- Incl. cylinder valve, documentation and acceptance
- Without commissioning

The product is approved according to European directives.



Cylinder reservoir - breathing air

Cylinder reservoir, breathing air	50 L/200 bar, G5/8, TPED PW 200 bar; weight approx. 65 kg	6531462	533	1
Cylinder reservoir, breathing air	50 L/300 bar, G5/8, TPED PW 300 bar; weight approx. 85 kg	6526395	533	1
Cylinder reservoir, breathing air	50 L/330 bar, G5/8, PED PS 330 bar; weight approx. 85kg	6530410	533	1

Accessories Cylinder reservoir - breathing air

Clamp	for the permanent attachment of a cylinder reservoir (clamping range 222 to 229 mm)	6513120	533	1
Swivel bolt band clamp HGRKSM	for the permanent attachment of a cylinder reservoir (clamping range 226 to 234 mm)	6907486	533	1
Joint hinge bracket clamp (Galvanized steel, light version)	for stationary fastening of Save bottles (Clamping range 226 to 234 mm)	6915283	533	1

Engineered Solutions

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Description	Order Code	Product Category	Packing unit
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Component and system solutions

Silencer



Cylinder bundle breathing air, à 6 cyl.	For compressed-air cylinders PS 220 bar and PS 330 bar, G5/8	6526316	533	1
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Cylinder Bundle – Breathing Air

Cylinder bundle - breathing air consisting of several cylinder reservoirs (50 L, 300 bar)

- with cylinder valve, sectional pipes, safety manometer, outlet valve, documentation and acceptance acc. to TPED
- PW 300 bar

Length x width x height (mm) / weight (kg) filled:

- Cylinder bundle à 4 cyl. (L x W x H) / weight : 500 x 500 x 1.950 / 678 kg
- Cylinder bundle à 6 cyl. (L x W x H) / weight: 735 x 500 x 1.950 / 916 kg
- Cylinder bundle à 9 cyl. (L x W x H) / weight: 735 x 735 x 1.950 / 1.174 kg
- Cylinder bundle à 12 cyl. (L x W x H) / weight: 960 x 735 x 1.950 / 1.483 kg



The product is approved according to European directives.

Cylinder bundle breathing air - with sectional pipes				
Cylinder bundle breathing air, à 4 cyl.	50 L/300 bar, G5/8, TPED incl. sectional pipes (2x) pro 2 Cylinder reservoirs, 2 outlet valves	6531467	533	1
Cylinder bundle breathing air, à 6 cyl.	50 L/300 bar, G5/8, TPED incl. sectional pipes (3x) pro 2 Cylinder reservoirs, 2 outlet valves	6531471	533	1
Cylinder bundle breathing air, à 9 cyl.	50 L/300 bar, G5/8, TPED incl. sectional pipes (3x) pro 3 Cylinder reservoirs, 2 outlet valves	6531474	533	1
Cylinder bundle breathing air, à 12 cyl.	50 L/300 bar, G5/8, TPED incl. sectional pipes (3x) pro 4 Cylinder reservoirs, 2 outlet valves	6531478	533	1

Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Component and system solutions Cylinder Reservoir - Oxygen

Cylinder reservoir - oxygen

- Gas volume 50 L
- Diameter approx. 240 mm
- Cylinder height: approx. 1650 mm
- No gas filling
- Incl. cylinder valve, documentation and acceptance
- Without commissioning

The product is approved according to European directives.

The available languages can be found in the IFU of the product.



Cylinder reservoir - oxygen

Cylinder reservoir, oxygen	G3/4, TPED PW 200 bar weight approx. 80 kg	6531459	533	1
Cylinder reservoir, oxygen	W30x2, TPED, PW 300 bar; weight approx. 100 kg	6531461	533	1

Accessories Cylinder reservoir - oxygen

Clamp	for the permanent attachment of a cylinder reservoir (clamping range 222 to 229 mm)	6513120	533	1
Swivel bolt band clamp HGRKSM	for the permanent attachment of a cylinder reservoir (clamping range 226 to 234 mm)	6907486	533	1
Joint hinge bracket clamp (Galvanized steel, light version)	for stationary fastening of Save bottles (Clamping range 226 to 234 mm)	6915283	533	1

Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Component and system solutions Dräger Automatic Hose Reel

The automatic hose reel can be used and is compatible with all Dräger compressed air hose devices and all systems with the corresponding CEJN or RECTUS coupling.

- Suitable for breathing air in accordance with DIN EN 12021
- Hose with integrated hose stopper
- Hose entry surrounded by smooth running castors for safe and low-wear hose guidance
- Extremely robust housing made from corrosion-resistant stainless steel, plastic plain bearings, maintenance-free and resistant to chemicals
- System - inlet: Swivel joint G 1/2" female
- System - outlet: Lock coupling DN7,4, Rectus series 96, CEJN series 341
- Dimensions (W x D x H): 530 x 304 x 500 mm (10 m / 20 m Variant)
- Dimensions (W x D x H): 530 x 454 x 500 mm (45 m Variant)
- PS: 10 bar



The product is approved according to European directives. The available languages can be found in the IFU of the product.

Dräger Automatic hose reel				
Automatic hose reel	with 10 m hose	6534911	533	1
Automatic hose reel	with 20 m hose	6534912	533	1
Automatic hose reel	with 45 m hose	6534913	533	1

Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Component and system solutions Dräger Pressure Reducer Panel 1000

The Pressure Reducer Panel 1000 (PRP 1000) reduces the breathing air for suitable consumers such as respiratory protective devices or protective suits.

- Reduce the input pressure between 50 bar and 300 bar to an output pressure of max. 10 bar.
- At an input pressure of 50 bar, the maximum output flow is approx. 2000 L/min.
- The PRP 1000 has pipe screw connections on the inlet and outlet sides for connection to, for example, rigid piping.
- The PRP 1000 is equipped with an inlet and outlet gauge and with a safety valve.
- Dimensions: (W x H x D): 350 x 336 x 235 mm

The product is approved according to European directives.
The available languages can be found in the IFU of the product.

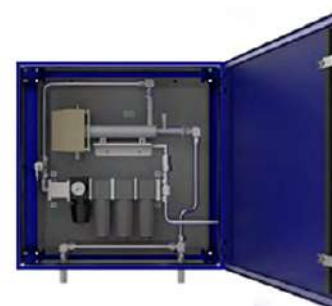


Dräger PRP 1000			
Pressure Reducer Panel 1000 (PRP 1000)			
Panel can be mounted at wall	6907477	533	1

Dräger Breathing Air Supply Panel incl. Heating Unit and Filter

The incoming system pressure PS 10 bar will be continuous controlled in the supply panel (pressure sensor or pressure switch) and can be led to a building automation. In case of a pressure drop an appropriate alarm, signal can be activated.

- Maximum Input pressure PS 10 bar
- Filter system for breathing air purification (Particle filter, activated carbon filter and oil-/water separator)
- Pressure reduction to 0-8 bar (freely adjustable)
- Flow rate about 700 L/min
- Pressurized air heater for heating up breathing air to about +2 to +40°C
- Flush valve for pipeline flushing included
- 2 breathing air exits (quick disconnect couplings) incl. protection cap



Dräger Breathing air supply panel incl. heating unit and filter			
Dräger Breathing air supply panel			
	6921270	533	1

Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Component and system solutions Dräger Pressure Reducer Panel 1000

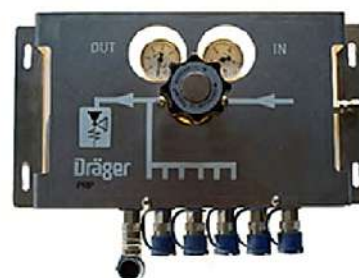
The breathing air distributor regulates breathing air for suitable consumers, as e.g. breathing air devices or protection suites, from an input pressure of max. PS 330 bar to approx. 10 bar.

The breathing air distributor is used for e.g. operations in areas with polluted air for fresh breathing air supply and it ensures the required working pressure for the breathing air.

The breathing air distributor can be solely used for simultaneous breathing air supply of up to 6 consumers. The consumers must be laid out for the pressure ranges of max. 10 bar and the total flow rate shall not cross a max. of 2400 L/min in sum.

- Inlet connection: Ermeto pipe connection 8 mm
- Outlet connection: 6 x G1/4
- Dimension (L x W x H) approx.: 480 x 189 (via pressure reducer) x 260 mm
- Weight approx.: 8 kg
- Approx. flow rate: 2400 L/min
- Approx. permitted input pressure: PS 330 bar
- Max. permitted output pressure: 10 bar

The product is approved according to European directives. The available languages can be found in the IFU of the product.



Dräger Pressure reduction panel with G1/4 connection				
Dräger Pressure reduction panel with G1/4 connection, PS 310 bar (Delivery without coupling)		6915507	533	1
Dräger Pressure reduction panel with G1/4 connection				
Coupling CEJN long	G1/4	AL01234	592	1
Coupling Rectus short	G1/4	R54161	595	1
Copper sealing ring (needed to mount the couplings) G1/4	G1/4	U01942	505	1
Dust cap for couplings		R28498	592	1

Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Component and system solutions Dräger Gas Management Panel Breathing Air

The Gas Management Panel is suitable for breathing air according to DIN EN 12021. It is possible to connect up to 3 breathing air supply lines (or storages) to the panel.

The input pressure of their respective lines can be read on the appropriate manometer. Each supply line can be connected individually.

Supply pressures of PS 300 / 200 / 10 bar can be provided to the consumer. 2 different pressure regulators regulate the different pressure ranges (300 / 200 bar). Appropriate safety valves protect the pressure stages. The manometer indicates the output pressure of the pressure reducers. The various outputs of the panel can also be closed individually. A simple pressure relief of the connected lines is ensured.



- Dimension (L x W x H): 700 x 242 (via pressure reducer) x 650 mm
- Max. input pressure: PS 300 bar
- Output pressure: 300 / 200 / 10 bar
- Max. flow rate (10 bar): 1500 L/min
- Max. flow rate (200 bar): 1500 L/min
- Max. flow rate (300 bar): 4500 L/min
- 5 manometers
- 2 pressure reducers
- 2 safety valves
- Panel for wall mounting

Dräger Gas Management Panel breathing air

Gas Management Panel Breathing air	6569082	533	1
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Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Component and system solutions Dräger Gas Management Panel Oxygen

The Gas Management Panel is suitable for oxygen. It is possible to connect up to 3 oxygen supply lines (or storages) to the panel. The input pressure of their respective lines can be read on the appropriate manometer. Each supply line can be connected individually.

Supply pressures of PS 200 bar can be provided to the consumer. The manometer indicates the output pressure of the pressure reducers. The various outputs of the panel can also be closed individually. A simple pressure relief of the connected lines is ensured.

- Dimensions (L x W x H): 700 x 211 (trough valve) x 650 mm
- Max. input pressure: PS 200 bar
- The maximum output pressure complies with the input pressure
- Max. flow rate (200 bar): 4500 L/min
- 4 Manometer
- Panel for wall mounting



Dräger Gas Management Panel oxygen			
Gas Management Panel Oxygen	6568228	533	1

Dräger Filling Panel Breathing Air

The Stainless-Steel Filling Panel is designed for Breathing Air systems. It features two 1/4" tubing inlets for connections to a compressor and air bank. Equipped with six high-pressure hoses, it includes DIN 5/8 connections. The panel offers four outlets with a filling pressure of 300 bar and two outlets at 200 bar.

Various configurations are available to meet specific requirements.

- Dimensions (L x W x H): 856 x 189 (trough valve) x 439 mm
- Max. input pressure: PS 350 bar
- 6 outlets (4x 300 bar and 2x 200 bar)
- 2 Pressure Regulators
- 2 Safety Valves
- Panel for wall mounting



Dräger Gas Management Panel oxygen			
Breathing Air Filling Panel, stainless steel	3506007	533	1

Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Component and system solutions Breathing air panel for working platforms

The breathing air supply panel is designed for uninterrupted breathing air supply on working platforms. The panel is supplied with breathing air via two supply lines through two breathing air cylinders. Optionally, the breathing air supply panel can also be supplied via a high-pressure line, e.g. from a compressor, another breathing air cylinder or a high-pressure line.

- Reduces the inlet pressure from PS 300 bar to a maximum of 10 bar
- Supply of up to four consumers simultaneously, not exceeding the total flow rate of 1200 L/min
- Consisting of a distribution unit and breathing air supply panel and four high-pressure hoses
- Breathing air supply panel Dimensions (L x W x H) 727 x 52 x 581 mm
- Distribution unit Dimensions (L x W x H) 179 x 77 x 98 mm
- Warning signal when system pressure drops below approx. 50 to 60 bar

The product is approved according to European directives. The available languages can be found in the IFU of the product.



Dräger Gas Management Panel oxygen			
Breathing air panel for working platforms	6544563	533	1
Breathing air panel for working platforms with additional G 5/8 connection	6544045	533	1

Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Component and system solutions Example Solution Airline System, mobile

For a continuous supply of breathing air in applications such as stopping leaks, cleaning up chemical contamination and any application where users come into contact with hazardous substances, a reliable supply of breathing air is essential.

For this, the user needs a reliable source of breathing air to which he can connect his respiratory protection. In addition to fixed Dräger products, a transportable modular solution consisting of standard components from the ES portfolio can be used as a flexible, customized customer solution.

By simply mounting a pressure reducing panel to a cylinder bundle of 4, 6, 9 or 12 50 L/ PS 300 bar cylinders, a safe and well-functioning airline solution can be assembled on site. The components are supplied as individual independent products and final assembly must be carried out at the customer's site.

The airline solution can be combined with all common Dräger breathing air hoses.

To generate this example combination, the following products in the ES portfolio are required:

Dräger Gas Management Panel oxygen	
Cylinder bundle breathing air (see on previous pages)	6531467 or 6531471 or 6531474 or 6531478
	+
Mounting elements	6915509
	+
Pressure reducer panel (see on previous pages)	6915507
	+
	AL01234 (Rectus 96KS long)
Coupling (up to 6 couplings)	or
	R54161 (Rectus 95KS short)
	+
Copper sealing ring (one per coupling)	U01942
	+
Connection hose (between cylinder bundle and panel)	6915508
	=
TAS 3000	Configured system (no factory assembly of modules)

Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Component and system solutions Dräger AirPack II PE - Case

The Dräger AirPack is a mobile air supply system that supplies one or two breathing apparatus wearers with medium-pressure air. It can be connected to a high or medium pressure source, such as breathing air cylinders, compressed air lines or compressors. The Dräger AirPack is available in different versions, depending on the number of cylinders, hose reels and persons to be supplied.

In order to make work as comfortable as possible for the user, it is possible to safely stow the personal protective equipment (two masks and regulators) in the PPE case provided.

The case can be mounted (incl. holder) on and removed from the standard product with little effort.

Electrostatic potential equalization is ensured by attaching earthing cables and earthing connection points.

The AirPack II is suitable for ATEX zones 1 and 2 with and without a PPE case.

- Storage space: 2 masks and 2 regulators
- Dimensions (LxWxH): 500 x 340 x 200 mm



Dräger AirPack II Option			
Dräger AirPack II PE - Case	3730943	533	1

Loose extension hoses

Dräger AirPack II Option			
Air supply hose 3 m	3352463	528	1
Air supply hose 5 m	AL01260	528	1
Air supply hose 10 m	AL01261	528	1
Air supply hose 20 m	AL01262	528	1
Air supply hose 25 m	3357409	528	1
Air supply hose 30 m	3352467	528	1
Air supply hose 45 m	AL01263	528	1
Air supply hose 50 m	3352468	528	1

Hose reels see on previous pages

Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Component and system solutions Dräger Emergency-Breathing-System (EBS)

Emergency breathing system for damage control applications in submarines.

- Suitable for use in closed rooms.
- Supply of breathing air via an airline system with connection points.
- The emergency air system is available with the following plug-in couplings: Cejn, Stäubli and Walther.
- All components in seawater resistant carrying bags in signal colour.
- The LDV can be combined with different hose lengths.
- The emergency air system is available in the following versions: firefighting, escape and operation.
- The firefighting and operation versions are available with FPS 7000.

Technical data EBS fire fighting

EBS firefighting consists of:

- LDV with plug connection for airline and dust cover
- Dräger full face mask
- Carrying bag with shoulder straps
- Belt with triple distributor
- Dimensions Length 400 mm, Height 350 mm, Depth 120 mm
- Weight, approx. 3,0 kg

Technical data EBS hose for fire fighting

EBS hose for firefighting consists of:

- Hose 3 and 10 Meter
- Carrying bag with shoulder straps
- Dimensions Length 400 mm, Height 350 mm, Depth 120 mm
- Weight, approx. 3,0 kg

Technical data EBS escape

EBS escape consists of:

- LDV with plug connection for airline and dust cover
- Mouthpiece for LDV
- Dräger diving mask
- Carrying bag with shoulder straps
- Dimensions Length 400 mm, Height 350 mm, Depth 120 mm
- Weight, approx. 3,0 kg

Technical data EBS operation

EBS operation consists of:

- LDV with plug connection for airline and dust cover
- Dräger full face mask
- Carrying bag with shoulder straps
- Dimensions Length 400 mm, Height 350 mm, Depth 120 mm
- Weight, approx. 3,0 kg



Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Component and system solutions

EBS with Cejn coupling

EBS-Firefighting

Dräger EBS F-0,85, Cejn	Hose: 0,85 m, Firefighting mask: FPS 7000	6927050	531	1
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EBS-Hose for Firefighting

Dräger EBS F-3 hose, Cejn	Hose: 3 m, Firefighting mask: -	6580907	503	1
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Dräger EBS F-10 hose, Cejn	Hose: 10 m, Firefighting mask: -	6527018	503	1
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EBS-Escape

Dräger EBS E-1,8, Cejn	Hose: 1,8 m, escape mask: Diving Mask	6927049	531	1
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EBS-Operation

Dräger EBS O-3, Cejn	Hose: 3 m, operation mask: FPS 7000	6927051	531	1
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EBS with Stäubli coupling

EBS-Firefighting

Dräger EBS F-0,85, (S)	Hose: 0,85 m, Firefighting mask: FPS 7000	6927040	503	1
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EBS-Hose for Firefighting

Dräger EBS F-3 hose, (S)	Hose: 3 m, Firefighting mask: -	6903488	503	1
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Dräger EBS F-10 hose, (S)	Hose: 10 m, Firefighting mask: -	6526335	503	1
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EBS-Escape

Dräger EBS E-1,8, (S)	Hose: 1,8 m, escape mask: Diving Mask	6927039	503	1
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EBS-Operation

Dräger EBS O-3, (S)	Hose: 3 m, operation mask: FPS 7000	6527041	503	1
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Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Component and system solutions

EBS with Walther coupling

EBS-Firefighting

Dräger EBS F-0,85, (W)	Hose: 0,85 m, Firefighting mask: FPS 7000	6925160	503	1
Dräger EBS F-0,85 COM (W)	Hose: 0,85 m, Firefighting mask: FPS COM 7000	6925150	503	1

EBS-Hose for Firefighting

Dräger EBS F-3 hose, (W)	Hose: 3 m, Firefighting mask: -	6910456	503	1
Dräger EBS F-10 hose, (W)	Hose: 10 m, Firefighting mask: -	6906097	503	1

EBS-Escape

Dräger EBS E-1,8, (W)	Hose: 1,8 m, Escape mask: Diving Mask	6920990	503	1
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EBS-Operation

Dräger EBS O-3, (W)	Hose: 3 m, operation mask: FPS 7000	6925161	503	1
Dräger EBS O-3, (W)	Hose: 3 m, operation mask: FPS COM 7000	6925161	503	1

Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Component and system solutions Dräger Oxygen Generators

The chemical oxygen generator can be used for standard oxygen supply and for emergency supply.

- Used for oxygen supply in confined spaces.
- Supplies 300 L respectively 80 L medically pure oxygen
- Pulling the safety pin triggers the priming device and oxygen production begins.
- Once started, it cannot be interrupted
- Released oxygen enters the room and swirling of the air flow.

The product is approved according to European directives. The available languages can be found in the IFU of the product.



Dräger oxygen generator

Oxygen generator	300 L	6913727	533	1
Oxygen generator	80 L	6535869	533	1

Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Component and system solutions Dräger Fresh Air System ESS II

Overpressure generation system to establish a time wise pressurization inside an appropriate vehicle to have an isolation protection against outside gaseous hazards.

- Electric release of the air supply in hazardous situations manually or automatically via sensors
- Targeted introduction of air into the vehicle interior

ESS II 3 L/300 bar

- Pressure vessel
- Release mechanism with connector
- Valve block
- Pressure reducer
- Hose connector
- 2,1 m hose package

ESS II 6 L/300 bar

- Pressure vessel
- Release mechanism with connector
- Valve block
- Pressure reducer
- Hose connector
- 2,1 m hose package



Dräger Fresh air system ESS II				
Fresh air system ESS II	3 L/300 bar	6927048	502	1
Fresh air system ESS II	6 L/300 bar	6927047	502	1
10 meter hose package		6926628	502	1

Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Component and system solutions Dräger Filter Protection Systems VS-2

The Dräger VS-2 filter protection system for vehicles offers protection against irritant gases (CN/CS) as well as solid, liquid and gaseous contamination in the breathing air.

The outside air is cleaned through a 3-stage filter system and directed into the sealed vehicle cabin. In addition, the system creates a protective positive pressure in the vehicle.

Key features

- Can be installed in any position
- Stainless steel housing
- Suitable for external use
- Compact, ready-to-connect system
- Maintenance-free fan
- Adjustable air volume
- Quick filter replacement, without tools
- Selection of activated carbon filters for different areas of use



Dräger VS-2			
Filter system VS-2 (without filters)	6923060	502	1
Spare parts			
Filter mats (2 piece)	6531633	502	1
Coarse dust filter (5 piece)	6526804	502	1
Particle filter P3/H13	6526805	502	1
Set vehicle filter A2 (2 piece)	6737070	502	1
Set vehicle filter AIBIEIK1 (2 piece)	6926649	502	1
Room pressure gauge, complete, red mark at 4 mbar	6555849	502	1
Room pressure gauge, complete, red mark at 2 mbar	6920571	502	1

Engineered Solutions

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Description	Order Code	Product Category	Packing unit	Price/ea Excl. VAT
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CWS 7000 – Containerized Workshop Solution – featuring MFC 7000

For all customers without the required infrastructure in a building, a containerized workshop solution integrating our core product MFC 7000 has been derived. The first unit has been built in 2022 and is since then in successful operation on customer side. Apart from a 40 feet container including the MFC 7000 also an additional 20 feet container featuring the required components for filling of breathing air cylinders can be added.

Core elements:

All relevant work steps for processing equipment can be carried out in the container solution. The subdivision of the container allows for a pleasant and ergonomic working method.

Separated areas for cleaning and maintenance through MFC 7000 as barrier machine.

Documentation workstation and basic storage options

The proven Dräger test technology is used in the white area of the test workstation. Either Questor or Testor can be used, depending on the type of equipment to be tested. Depending on the local market, a connection to Drägerware can also be implemented.



Engineered Solutions

Description	Order Code	Product Category	Packing unit
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CWS 7000 – Containerized Workshop Solution – featuring MFC 7000



CWS 7000 (Basic-version without Options, without Transport)	-	231	1
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Engineered Solutions

Description	Order Code	Product Category	Packing unit
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CWS 5000 – Containerized Workshop System with separate Containers for cleaning, maintenance and filling of cylinders

All relevant work steps for the preparation of personal protective equipment (PPE) can be carried out in a stationary respiratory protection workshop or in two 40-foot containers (example). The subdivision of the rooms or containers allows a pleasant and ergonomic working environment.

Separation of potentially contaminated areas

Separate containers for preparation and testing or filling ensure separation in dirty and clean areas, which limits exposure to possible dangerous particles to a limited area and keeps other work areas, such as the testing workstation, free of them.

Cleaning

Depending on the configuration of the black area/wet area, cleaning can either be mostly manual, so that a cost-effective variant can be derived, or mechanical. In addition, cleaning of fire brigade clothing can be projected via appropriate washing machines and dryers.

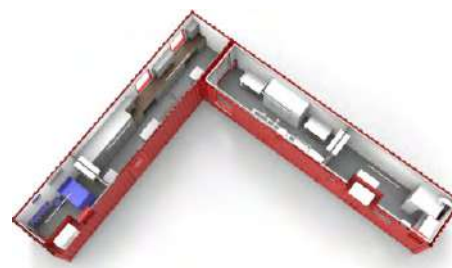
Maintenance and care room

The proven Dräger test equipment is used in the clean area of the test workstation. Either Quaestor or Testor can be used, depending on the type of equipment to be tested. Depending on the local market, a connection to Drägerware can also be implemented.

Filling logistics

The well-known Dräger filling logistics can be found in the separate filling room. Depending on the requirements, appropriate compressors can be integrated there. In addition, the DAP, the AirGuard, storage cylinders and automatic switch over systems are used.

The Dräger workshop system in container design offers a high degree of cost-effectiveness, as there is no need to adapt the infrastructure in an existing building or to invest in a new building. In addition, the containers can also be used as mobile units, if necessary, so that they can serve as an alternative or supplementary solution in the event of conversion or modernization of the permanently installed workshop.



CWS 5000 (Basic-version without Options, without Transport)	-	231	1
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Engineered Solutions

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Description	Order Code	Product Category	Packing unit
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Accessories for sink units



Drip Unit AV for 20 masks, stainless steel	4 rods with 5 hooks each (W 700 x D 455 x L 150 mm)	6914192	487	1
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Compressed Air Distributor

The Compressed Air Distributor is used for pressurizing Lung Demand Valves during manual cleaning, disinfecting and rinsing, to prevent an ingress of water, cleaning-/disinfecting agents into the pneumatics of the Lung Demand Valve.

Up to eight Lung Demand Valves can be connected simultaneously to the safety couplings of the compressed air distributor. The distribution arm is pivotally mounted and adjustable in length, to ensure that the connected Lung Demand

Valves can easily be cleaned in various sinks. Including compressed air spiral hose and accessories for wall mounting.

The product is approved according to European directives. The available languages can be found in the IFU of the product.



Compressed Air Distributor			
Compressed Air Distributor	6913270	487	1

Replacement parts			
Quick release coupling	6913273	505	1

Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Respiratory Protection Workshop Dräger Multifunctional Cabinet MFC 7000

The Dräger MFC 7000 is the fully automatic solution for the reprocessing of respiratory protection equipment and chemical protective suits after use. In a single operation, used equipment is cleaned, disinfected, and dried safely and gently in the multifunction cabin. This means that the personal protective equipment (PPE) is ready for use again within a very short time.

Please contact the Product Management before offering. This product might not be available in every country. It needs to be installed and commissioned at the customers place.

The sales outside Germany must be requested from product management.



MFC 7000 and Options				
Dräger MFC 7000 single door cabin	Installation recessed into the floor, allows ground level entry with the trolley frames	6912080	487	1
Dräger MFC 7000 cabin with two doors incl. black/ white separation	Placed in a wall opening, the multifunctional cabin thus acts as an airlock to comply with DIN 14092-7	6915020	487	1
Entry ramp	For the installation of the cabin placed on the floor	6914303	487	1
Hot water inlet	By filling with hot water, the program runtime can be shortened, because the wash water does not have to be heated up in the machine first	Right: 6912679 / Links: 6912681	487	1
Softening plant	Improves cleaning results in hard water and reduces lime deposits	6912678	487	1
Additional dosing pump	For dosing an additional cleaning/disinfecting agent	6926191	487	1

Consumable material				
neodisher® Dekonta AF 5 L (1x 5 L Canister)	Liquid cleaning and disinfecting agent for use in the MFC 7000	3706165	978	1
neodisher® Dekonta AF 20 L (1x 20 L Canister)	Liquid cleaning and disinfecting agent for use in the MFC 7000	3709333	978	1

Engineered Solutions

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Description	Order Code	Product Category	Packing unit	Price/ea Excl. VAT
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Respiratory Protection Workshop

Rack trolley for chemical protective suits (CSA)

The rack trolley for preparing chemical protective suits (CSA) in the MFC 7000 is equipped with swivel castors for flexible manoeuvring in the respiratory protection workshop. Different suit types and sizes can be ergonomically optimally applied via a height-adjustable universal rack. During reprocessing, the CPE is cleaned, disinfected and dried fully automatically from the inside and outside down to the sole of the boots and into the fingertips. Program run time <2 hours.

To mount the CSA on the rack, a height-adjustable mounting aid is required, which is mounted on the wall. The CSA can be hooked onto this holder with the boots and pulled upwards, making it much easier to load the rack trolley, especially for smaller persons.



Rack trolley for full face respirators

Universal rack for reprocessing up to 30 full-face respirators in the MFC 7000. Tool- and adapter-free accommodation of various mask types and sizes, both with 5-point strapping and mask-helmet adaptation via a patented bracket mount. Dedicated small parts baskets for each mask, allowing separate preparation of small mask parts such as inhalation valve, exhalation valve and spring bridge. Rack designed to rotate and motor-driven, enables all-around cleaning and disinfection and rapid drying of wash ware. Program run time <2 hours.



Rack trolley for full face respirators and demand valves

Universal rack for the preparation of up to 20 full-face masks and 20 demand valves simultaneously in the MFC 7000. Tool- and adapter-free accommodation of various mask types and sizes, both with 5-point strapping and mask-helmet adaptation via a patented bracket holder. Accommodates regulators via regulator holder with quick-release buckle. Dedicated small parts baskets for each mask and regulator, allowing separate preparation of small parts such as inhalation valve, exhalation valve, spring bridge, diaphragm and sliding ring. Cleaning and drying the demand valves under pressure (pressurised connection), prevents wash liquor from entering the pneumatics. Rack designed to rotate and motor-driven, allows for all-around cleaning and disinfection and rapid drying of wash ware. Program running time <2 hours.



Rack trolley for SCBA and helmets

The robust rack trolley for the preparation of up to 6 SCBAs, optionally with or without cylinder, in the MFC 7000 is made of edged stainless steel and has 4 swivel castors with locking brake for flexible maneuvering in the respiratory protection workshop. The receptacle for the 6 compressed air breathing apparatuses can be removed to create 3 large levels on which other personal protective equipment can also be cleaned (depending on the clearance of the products to be cleaned). Cleaning the SCBA under pressure, by bottle or with mini bottles, prevents wash liquor from entering the pneumatics. To ensure full use of the compressed air breathing apparatus rack trolley, bleed valves, mini compressed air bottles and compressed air breathing apparatus closure kit are required. The rotating spray arms enable all-around cleaning and disinfection and rapid drying of wash ware. Program run time <2 hours.



Engineered Solutions

Description		Order Code	Product Category	Packing unit
Rack trolley and accessories				
Rack trolley for chemical protective suits (CSA)	For the preparation of a CSA in the MFC 7000	6912352	487	1
Boot holder CSA, height adjustable	For wall mounting, simplifies the mounting of the CSA on the rack trolley due to a height adjustment of approx. 50 cm	6914671	487	1
Rack trolley for full face respirators	For the preparation of up to 30 full-face respirators in the MFC 7000	6920593	487	1
Rack trolley for full face respirators and demand valves	For the preparation of up to 20 full-face respirators and 20 demand valves in the MFC 7000	6915400	487	1
Rack trolley for SCBA and helmets	For the fully automatic preparation of up to 6 compressed air breathing apparatuses either with or without cylinder in the MFC 7000	6923882	487	1
6 x vent valve	Accessories for compressed air breathing apparatus rack trolley	6922009	487	1
6 x mini compressed air cylinders	Accessories for compressed air breathing apparatus rack trolley	6926897	487	1
6x Clamping Plug for SCBA	Accessories for compressed air breathing apparatus rack trolley	6926879	487	1

Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Respiratory Protection Workshop Cylinder and transport trolleys

Fittings for the safe transport of compressed air cylinders, respiratory protective equipment and personal protective equipment. Cylinder and transport trolleys available in various basic variants

Features and benefits

- Made of stainless steel
- Corners protective by impact protection covers made of plastic
- 4 steering rollers for improved maneuvering in Confined space,
2 steering rollers with brakes

Dimensions in L x W x H



Cylinder Trolley, stainless steel



Cylinder Trolley FW-1	Dimensions: 785 x 600 x 795 mm incl. bumper protection: 829 x 644 x 795 mm for 12 composite cylinders 6,8 L/300 bar, width 160 mm	6570163	487	1
Cylinder Trolley FW-2	Dimensions: 965 x 600 x 795 mm incl. bumper protection: 1009 x 644 x 795 mm for 15 composite cylinders 6,8 L/300 bar, width 160 mm	6570164	487	1
Cylinder Trolley FW-3	Dimensions: 805 x 615 x 795 mm incl. bumper protection: 849 x 659 x 795 mm for 12 composite cylinders 6,8 L/300 bar, width 170 mm	6570165	487	1
Cylinder Trolley FW-4	Dimensions: 990 x 615 x 795 mm incl. bumper protection: 1034 x 659 x 795 mm for 15 composite cylinders 6,8 L/300 bar, width 170 mm	6570166	487	1
Cylinder Trolley FW-5	Dimensions: 825 x 565 x 795 mm incl. bumper protection: 869 x 609 x 795 mm for 24 steel cylinders 4 L/300 bar, width 115 mm	6570167	487	1

Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Respiratory Protection Workshop

Cylinder Trolley FW-6	Dimensions: 825 x 525 x 795 mm incl. bumper protection: 869 x 569 x 795 mm for 15 steel cylinders 6 L/300 bar, width 140 mm	6570168	1	487
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Cylinder Trolley, stainless steel



Transport Trolley TW-1	Dimensions: 1100 x 650 x 950 mm incl. bumper protection: 1144 x 694 x 950 mm 3 even trays 4 steering rollers, 2 with brakes	6570170	1	487
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Engineered Solutions

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Description	Order Code	Product Category	Packing unit
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Respiratory Protection Workshop Clamping Device

For maintenance of breathing air cylinders. The clamping device is mounted in front of the workbench. For composite and steel cylinders with preset pressure.

In the clamping device, breathing air cylinders of 80 - 200 mm diameter can be safely held in place for screwing and unscrewing cylinder valves in and out.



Clamping device				
Pneumatic clamping device	W 600 x D 670 x H 200 mm Operating pressure: 1-6 bar PS: 6 bar Surface: zinc-plated Weight: approx. 23,5 kg	6573055	487	1
Mechanical clamping device	W 700 x D 420 x H 570 mm For mechanical fixation of breathing air cylinders, with hight adjustable cylinder support Weight: approx. 13,5 kg	6914157	487	1

Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Respiratory Protection Workshop Cylinder Support

Mold inserts for cabinets for the safe storage of breathing air cylinders. Through the molds the rolling away of the cylinders is prevented effectively.



Cylinder Support				
Cylinder Support (7 molds)	L 960 x W 430 x H 25 mm Forminsert for cabinet 1000 mm 7 molds for 4 L steel cylinders	6570178	487	1
Cylinder Support (6 molds)	L 960 x W 430 x H 25 mm Forminsert for cabinet 1000 mm 6 molds for 6 L steel cylinders	6570179	487	1
Cylinder Support (3 molds)	L 560 x W 430 x H 25 mm Forminsert for cabinet 600 mm 3 molds for 4 L /6 L steel cylinders and 6,8 L CFK cylinders	6570181	487	1

Engineered Solutions

Description	Order Code	Product Category	Packing unit	Price/ea Excl. VAT
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Fire Training Systems Wood Fired Training Container FTS 1000

Training in a wood-fuelled fire training facility is an important part of firefighter training. On the one hand, training participants can observe the development of the fire from the initial fire to smoke ignition (rollover) and the associated physical processes. On the other hand, they are put in a real fire situation by being confronted with real flames, intense heat, high humidity, severely restricted visibility, and dense smoke.

Wood-fuelled fire training systems are subject to extreme heat stresses and temperature shocks. Dräger fulfils these requirements with a special design of the combustion chamber and the temperature-resistant materials used in it. Intensive instruction on the optimum operation of the wood-fired system by experienced Dräger Academy trainers enables low-fuel, gentle and long-term use of the system while fully realising the desired training objectives.

In order to be able to realise repeatable training courses in a short time, Dräger also offers combined systems (FTS 8000) in which the effects of smoke ignition can be realised with both wood and propane and which are particularly suitable for nozzle training.

The wood-fuelled fire training systems from Dräger can be used to train the following training objectives:

- Heat experience exercises in closed rooms
- Observing the thermodynamic processes in a simulated room fire with subsequent smoke ignition
- Recognising the signs of impending smoke ignition
- Behaviour of protective clothing in the event of smoke ignition
- Application of new extinguishing techniques to prevent smoke ignition.
- Possibility of "temperature measurement" using a spray jet towards the ceiling
- Procedure for fires in enclosed spaces



Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Fire Training Systems

FTS 1000			
Footprint (L x B x H) in m	ca. 25 x 15 m		
Dimensions outside (LxWxH)	12192 x 2438 x 2896 (ca. 3400 incl. chimney) mm		
Complete equipment weight	ca. 12000 kg		
FTS 1000 (Basic-version without Options, without Transport)	-	202	1

Engineered Solutions

Description	Order Code	Product Category	Packing unit	Price/ea Excl. VAT
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Fire Training Systems Mobile Fire Training FTS 8000

The Dräger FTS 8000 mobile fire training system for fire departments allows you to conduct challenging and safe real fire training on the contents of jet pipe training, reading smoke layers, rapid fire spread, heat experience and tactical procedures. The combination of wood-, gas- and liquid gas-fired fireplaces allows very realistic training.

Challenging as in reality

The Dräger FTS 8000 is optimally designed for the practical training and continuing education of your firefighters. The large number of possible exercise scenarios provides both beginners and advanced firefighters with challenging training. Fire progressions and fire phenomena are represented by the use of a pure wood fire scene. Liquefied petroleum gas (LPG) is used to create a high-energy smoke layer. In contrast to a system with pure wood firing, it also offers the advantage of being able to repeat the radiant tube training at short intervals. In addition, a gas-fired firing point is installed in the FTS 8000. This can be operated individually or with the woodfired operated. This gives you the possibility to combine all fire points individually for the training of different tactics for indoor firefighting.

Realistic, reproducible and safe fire fighting

The combination of wood-fired and gas-fired fire points combines the advantages of both fuels in one unit: use wood to create real smoke and create realistic fire conditions. Gas firing provides fast reproducible training scenarios and a high level of safety.

Reliable technology through many years of experience

Dräger has many years of experience in the development and construction of fire training systems. All components of the Dräger FTS 8000 are designed for high loads with regard to the materials used and the construction. This is because a fire training system with combination firing is subject to particularly high stress in terms of its robustness and durability as well as its exposure to heat, water, steam and smoke. The operating concept was also designed for simple and proven handling. The entire system is controlled by the trainer via a single, handy remote control.

Realistic without compromising on safety

The Dräger FTS 8000 offers you the highest level of safety for all its realism. All training scenarios in the plant are safe and controlled. Especially the fire with liquid gas (LPG) makes high demands on the control equipment of the plant. To meet these requirements, we have developed a comprehensive safety concept. Continuous gas and temperature monitoring, special training of the trainers deployed, and a comprehensive risk and hazard assessment ensure the best possible protection of participants and trainers.



Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Fire Training Systems

Overview:

The facility consists of three 20' mobile containers, in accordance with ISO 1496 Part 1, in which gas, liquefied gas, and wood-burning fires are combination for fire course presentations and radiant tube training for firefighters and other emergency responders.

The three fire training containers (so-called double-door containers) C1, C2 and C3, which are set up in a predetermined, precisely defined position in relation to each other according to the installation plan, are each connected to each other at the end faces of the containers. A transition to container C3 is provided in the side wall of container C2.

Container: foundation / min. 15 cm ventilation distance to the floor / ground level installation surface, with grounding lug

Customer services:

- Power supply (3L+N+PE AC 400V / 32 A, TN-C-S).
- Provision of the gas tank, possibility of withdrawal from the liquid and gas phase, size of the gas tank depends on the frequency of the training (recommended tank size: 2.9 t or 5 m³, placed above ground)
- Drainage (according to technical safety requirements) and lighting for the training area
- All necessary building permits and approvals that might be required in addition to the TÜV test
- All services not explicitly included in Dräger's scope of work

FTS 8000

Input pressure:	Minimum 6 bar, maximum PS 15.6 bar		
Temperature range:	0 °C bis 40 °C		
Electrical connection:	400 V, 50 Hz, 32 A, TN-C-S		
Burning medium:	Propane in liquid and gaseous phase, wood pa		
FTS 8000 (Basic-version without Options, without Transport)	-	238	1

Engineered Solutions

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Description	Order Code	Product Category	Packing unit	Price/ea Excl. VAT
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Fire Training Systems Gas Fired Container GFC 3000

As a safe, realistic and robust training tool, the Dräger GFC 3000 fire simulation system in compact 40' container design offers a wide range of firefighting training opportunities.

By being confronted with real flames, extreme heat, high humidity and severely restricted visibility due to dense artificial fog, the trainees in the fire training container are put into a real stress situation.

The fireplaces installed within the training facility are operated with propane gas in order to be able to shut them down quickly and safely in an emergency by interrupting the gas supply, as well as to ensure that the combustion is as low-smoke and environmentally friendly as possible.

The following training objectives can be trained with the Dräger GFC 3000:

- Training and improvement of attack and extinguishing tactics
- Hose management
- Effective use of extinguishing water
- Reactions in case of rollover
- Correct opening of doors to fire areas
- Self-protection measures
- Securing the retreat path
- Communication and division of tasks in the troop
- Prioritizing fire areas to be extinguished
- Practicing rescue techniques under difficult conditions such as darkness, heat and smoke

In order to increase the variety of training, rooms can be flexibly designed by means of mobile partition walls and can be combined with further training elements.

Due to its standardized design, the Dräger GFC 3000 can be transported with a conventional trailer and used as a mobile unit.



Engineered Solutions

Description	Order Code	Product Category	Packing unit	Price/ea Excl. VAT
GFC 3000				
Footprint (L x B x H) in m	ca. 25 x 15 m			
Input pressure:	Minimum 6 bar, maximum PS 15.6 bar			
Temperature range:	0 °C bis +40 °C			
Burning medium:	Propane gaseous phase			
GFC 3000 (Basic-version without Options, without Transport)	-	238	1	From €370,000.00

Engineered Solutions

Description	Order Code	Product Category	Packing unit	Price/ea Excl. VAT
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Fire Training Systems

Car fire simulator CFS 7000

The Dräger CFS 7000 gas-powered passenger vehicle simulator is the economical solution for efficient, repeatable and realistic training of firefighting and rescue operations. It offers the essential training elements of internal combustion, gas, hybrid and electric vehicles, enabling you to create effective training scenarios for emergency personnel with different levels of experience.



A new standard for vehicle firefighting

The Dräger CFS 7000 is a versatile vehicle fire simulator with a mobile, plug-in design. Thanks to the control and process technology integrated in the simulator and the transportable supply unit for your own gas cylinders, it can be set up at almost any training location and operated without time-consuming installation (for example, installing supply lines). If necessary, the entire system can be dismantled in a short time and reassembled at another location. The vehicle mock-up of the Dräger CFS 7000 is made of heat- and weather-resistant steel. The durable material ensures a long service life with repeatable training and low maintenance. During and after each exercise, integrated temperature monitoring ensures sufficient cooling of the vehicle.

Realistic fire simulations

With its diverse scenarios, the Dräger CFS 7000 offers realistic training conditions. The entire system is controlled by radio remote control. Each fireplace of the mock-up vehicle is ignited separately or in combination with other components. The flame intensity can be set to three different levels. The spread of the fire including the fire intensity (flame height) can be controlled by the trainer.

Safety through complete control

A fully automatic control system ensures the safest possible training conditions. This also includes safe operation with propane, as in an emergency the gas supply can be stopped immediately by means of an emergency stop switch on the vehicle dummy or on the radio remote control. In this way, engine, boot and vehicle cabin fires or fires outside the vehicle such as wheel or tank nozzle fires can be realistically simulated with maximum safety.

Optional equipment

For the simulation of fire training scenarios in and on the vehicle, various expansion modules are available for the Dräger CFS 7000. These include the optional equipment of the vehicle with additional fireplaces and the option to generate artificial smoke, enabling search & rescue exercises using manikins. Replicas of high voltage elements on hybrid and electric vehicles, which must be properly disconnected or cooled in the event of an accident, also enable training on how to handle crashed vehicles with hybrid/electric drives. Replaceable break open elements can be installed in the side door and on the engine bonnet to practise rescuing trapped persons with break-open tools. To make the training as realistic as possible, a simulator with emergency scene sound effects can also be installed.

Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Fire Training Systems

Designed for sustainability

The simulator was developed with a focus on sustainability, including the use of propane, which has a lower environmental impact compared to many other fuels.

The durable material ensures a long lifespan, with low maintenance that can be carried out by trained users or by Dräger Service.

CFS 7000

Footprint (L x B x H) in m	ca. 4,50 x 2,00 x 1,60		
Complete equipment weight	ca. 2.500 kg		
Input pressure:	Minimum 3,5 bar, Maximum 15,6 bar		
Temperature range:	0 °C bis 40 °C		
Electrical connection:	230 V, 50 Hz, 16 A		
Burning medium:	Propan in gasförmiger Phase		
CFS 7000 (Basic-version without Options, without Transport)	-	238	1

Client-side services:

- Electrical power supply 230 V, 50 Hz, 16 A
- Provision of at least 4 propane gas cylinders with a capacity of 33 litres each
- Drainage (in accordance with technical safety requirements) and lighting for the training area
- All necessary building permits and authorisations that may be required in addition to the TÜV t
- All services that are not explicitly included in Dräger's scope of services

Engineered Solutions

Description	Order Code	Product Category	Packing unit	Price/ea Excl. VAT
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Fire Training Systems Aircraft Fire Simulator AFS 5000

The gas-powered aircraft fire simulator Dräger AFS 5000 is the economical solution for efficient and realistic training. Thanks to a wide range of scenarios, it is suitable for trainees and advanced students. With the AFS 5000, all requirements for a training facility in accordance with the International Civil Aviation Organization can be met.

New standards in aircraft firefighting

The Dräger AFS 5000 is one of the most efficient aircraft fire simulators on the market. Thanks to its compact design, it takes up little space and saves you time-consuming earthworks. It can be set up on paved surfaces and does not require any underground installation. If necessary, the entire system can be dismantled and reassembled at another location. The dummy aircraft of the Dräger AFS 5000 is made of heat- and weather resistant steel. The robust material ensures a long lifetime and low maintenance. During and after each exercise, an integrated sprinkler system cools the wing and fuselage sections of the dummy

Realistic fire simulations

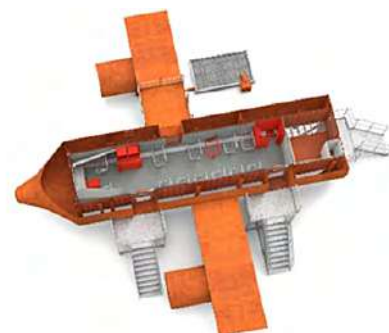
With its diverse scenarios, the Dräger AFS 5000 offers realistic training conditions. The entire system is controlled by radio remote control or touch screen. Each fire point of the dummy aircraft is ignited separately or in combination with other components. The flame intensity can be adjusted (optionally) in three steps or continuously. The spread of the fire including the fire intensity (flame height) can be controlled by the trainer or automatically.

Safety by control

A fully automatic control system guarantees the highest possible safety of the training. This also includes the environmentally friendly operation with propane. In an emergency, the gas supply is immediately cut off by means of an emergency switch. In this way, turbine, hydraulic and wheel fires or fires of leaking aircraft fuel can be realistically simulated with maximum safety.

Optional equipment

For the simulation of firefighting in the aircraft, various extension modules are available for the AFS 5000. These include the optional equipment of the aircraft body with a realistic aircraft cabin including typical cabin fires and the possibility of artificial smoke generation, so that interior firefighting (interior attack) as well as search & rescue exercises can be trained with different manikins. Replicas of aircraft doors also enable the training of door opening scenarios.



Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Fire Training Systems

AFS 5000			
Footprint (L x B x H) in m	Ca. 20 x 17 x 7		
Input pressure:	Minimum 6 bar, maximum 15.6 bar		
Temperature range:	-5 °C to +40 °C		
Electrical connection	400 V, 50 Hz, 32 A, TN-C-S		
Fire media	Propane in liquid and gaseous phase		
Water cooling	4 bar, max. 600 L/min		
AFS 5000 (Basic-version without Options, without Transport)	-	238	1

Client-side services:

- Power supply (3L+N+PE AC 400V / 32 A, TN-C-S)
- Providing the gas tank, withdrawal possibility from the liquid and gas phase, size of the gas tank depends on the frequency of the training (recommended tank size: at least 2.9 t or 5 m³, installed above ground).
- Drainage (according to technical safety requirements) and lighting for the training area
- All necessary building permits and approvals that may be required in addition to the 3rd party approval
- All services that are not explicitly included in the scope of services provided by Dräger

Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Fire Training Systems Wildland-Fire Sandbox WFS 1000

The Dräger Wildland-Fire Sandbox WFS 1000 is an efficient training tool for the theoretical and tactical training of fire brigades. Developed together with experts, it offers a variety of scenarios for different training levels of fighting forest and vegetation fires thanks to its software-based display.

Profound theoretical training

The Dräger WFS 1000 is optimally designed for the descriptive theoretical training and further education of firefighters - with a special focus on forest and vegetation fires. The wide variety of exercise scenarios and the vivid presentation enable challenging training for both beginners and advanced firefighters. The range of possibilities extends from impressive presentation of the dangers of forest fires for amateurs to demanding tactical training at platoon and unit commander level.

Modern technology

By connecting the depth camera and projector/beamer with the sandbox, fire spread, and fire-fighting measures are realistically illustrated. Adjustments are possible at any time and allow flexible training. The integrated software enables the repeatable and interactive presentation of fire progressions, taking into account weather conditions, terrain training and extinguishing measures.

Recognised calculation model for fire spread in the terrain

Fire spread is determined by the software based on user-selected parameters and projected onto a sandbox for training purposes. The simulation of the fire spread is based on the internationally recognised calculation models Campbell Prediction System and Rothermel Fire Spread Model.

Easy intuitive operation

Operating the Dräger WFS 1000 is simple, intuitive and quick to learn due to the touchscreen.

High mobility of the system

The Dräger WFS 1000 can be disassembled by one person in just a few steps, stowed in the boot and reassembled at another location. The aluminium construction is convincing due to its low weight as well as its high stability.

Close to reality

The landscape is created clearly and vividly in the WFS 1000. The underlying with real maps or satellite images, each with adjustable transparency, makes it easy for the trainees to transfer the exercise to real applications.



Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Fire Training Systems

Usable for online trainings

Thanks to the high-quality Webcam, the Dräger WFS 1000 can also be used for online training. This makes its operational radius practically unlimited and eliminates travel-related downtime for emergency personnel in remote areas.

WFS 1000			
Height of the sandbox with extensions		1280 mm	
Width of the sandbox with extensions		950 mm	
Depth of the sandbox with extensions		775 mm	
Weight of the filled sandbox with extensions		44 kg	
Total weight of the system		52 kg	
WFS 1000	-	238	1

Services provided by customers:

- 2x power supply for projector and PC, each with 230 V / 50 Hz / 16 A and Schuko plug
- Stable set-up option with approx. 75 cm height for the sandbox with attachments, load capacity min. 50 kg

Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Cold Training Systems Dräger Training Gallery Systems

Dräger training gallery systems enable the customer to perform all tasks of the annual load exercise in one system. Particular emphasis is placed on the aspects of safety and documentation of the work performed in the exercise scenario. The training facilities can be containerized, optimized for mobile use or integrated into stationary buildings.

Stationary training facilities

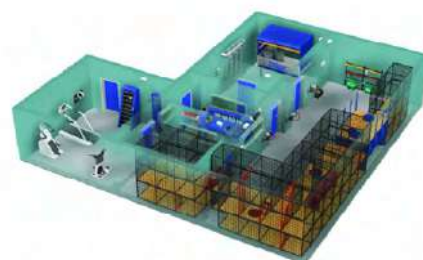
- optimally adaptable to the premises and customer needs
- training mazes on multiple levels, with many different obstacle elements possible
- adaptability depending on static possibilities, available space and your ideas

Mobile training facilities

- Equipment and dimensioning according to customer requirements
- Depending on the chosen concept, configuration as a single trailer or vehicle + trailer is possible
- the capacity of the facility can be used optimally, efficient training can be carried out at different locations

Containerised solutions

- Equipment and dimensioning according to customer requirements
- Concepts available in only 40-foot containers
- Extension possible through roof access or utilisation of the external extension, e.g. through a curtain



Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Cold Training Systems Treadmill DynaRun 3

The DynaRun 3 treadmill is designed for safe training in a respiratory protection training gallery. Control is possible either via an integrated touch screen or an external interface. A railing and the integrated emergency stop function ensure the safety of the trainees.

Technical Data

Dimensions (L x W x H): 2100 x 800 x 1500 mm

Weight: 180 kg

Slope: 0 - 30%

Speed forward: from 0.1 km/h - 25 km/h

Maximum user weight: 220 kg

Including emergency stop, railing, interface RS232, programmable 10.1 "touch screen colour monitor.



Treadmill DynaRun 3				
Treadmill DynaRun 3	standalone version, control unit mounted onto the device	6573627	488	1

Accessories				
Implementation of the control unit in central control stand			232	1
Control via external PC			232	1

Engineered Solutions

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Description	Order Code	Product Category	Packing unit
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Cold Training Systems Bicycle Ergometer Conditronic C100

The Conditronic C100 provides an ideal cardiovascular training. Besides integrated standard programs the bicycle ergometer can be connected and controlled via external devices via standard interfaces.

The integrated standard programs run completely autonomously and work dependent upon predefined training goals, e.g. the heart rate. The Conditronic C100 features an automatic torque limiter, which reduces the pedaling resistance in case of an excess force. This prohibits injuries and overload of the active and passive musculoskeletal system of the trainees.

Technical Data

Dimensions (L x W x H): 760 x 360 x 700 mm

Weight: 35 kg

4 selectable programs from 5 to 999 W

Simultaneous height adjustment with gas spring

Terminal with digital display for pulse, power, speed, exercise time, joule or calorie consumption, stopwatch.



Bicycle				
Bicycle Ergometer Conditronic C100	standalone version, control unit mounted onto the device	65 73 619	488	1

Accessories			
Implementation of the control unit in central control stand		232	1
Control via external PC		232	1

Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Cold Training Systems Arm Ergometer Conditronic 100

The Conditronic 100 arm ergometer can be used while standing or sitting, thanks to an integrated height adjustment. The compact design makes the device universally applicable. Various integrated operating modes and the control via an external interface enable flexible use in a respiratory protection training gallery.

Terminal with digital display for pulse, power, speed, exercise time, joule or calorie consumption, stopwatch.

Technical Data

Dimensions (L x W x H): 1150 x 780 x 160 mm

Weight: 40 kg



Arm Ergometer				
Arm Ergometer Conditronic 100	standalone version, control unit mounted onto the device	6573618	488	1

Accessories				
Implementation of the control unit in central control stand			232	1
Control via external PC			232	1

Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Cold Training Systems Endless Ladder

The endless ladder is one of the most tried and tested training devices in the practice areas of mines and fire brigades. With its well-known Dräger quality, this device allows training that is closely related to reality.

Thanks to the built-in light barrier and a gentle start-up, the exerciser always stays in the right place. The climbing speed can be adjusted in a range from 3 to 32 m / min. It is also possible to regulate the height of the meters to be climbed. Due to its extremely compact design compared to a "normal" ladder, the endless ladder can be installed in almost any location, providing the best possible room economy. Without re-adjustment of the counter or of the climbing speed, several persons can successively practice under exactly the same conditions.

The control of the endless ladder is possible via a software as well as via a touchpad.

On the touchpad you can set the increasing meters and the speed.

Technical Data

Dimensions (L x W x H): 860 x 1080 x 2560 mm

Weight: 340 kg



Endless Ladder				
Endless Ladder	standalone version, control unit mounted onto the device	6573032	488	1
Accessories				
Implementation of the control unit in central control stand		232		1
Control via external PC		232		1

Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Cold Training Systems Impact Device

During the exercise, a weight is lifted and lowered by means of a cable reel. The cable reel is loaded with a weight of 21 kg and is equipped with a sturdy ballbearing cable pulley made of aluminum and a galvanized steel cable of 6 mm thickness.

A special cable guide prevents the rope from jumping out of the cable pulley when pulling. The ergonomically shaped plastic handlebar with two safety guards is located at a height of 1.85 m above the ground and thus also accessible to smaller persons. A green light indicates the start and end of the exercise. A white light indicates whether the pull has been correctly executed and evaluated. Sensors monitor the path of the weight at the upper and lower reversal points. The impacts in the end positions are dampened by elastic rubber elements.

Technical Data

Dimensions (L x W x H): 250,5 x 380 x 2220 mm

Weight: 120 kg



Impact device				
Impact device	standalone version, control unit mounted onto the device	6573033	488	1

Accessories			
Implementation of the control unit in central control stand		232	1
Control via external PC		232	1

Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Cold Training Systems Cross-Step-Walker

The Cross-Step Walker offers an excellent training possibility for the whole body with the greatest possible protection of the joints.

Due to the additional arm rods, the upper part of the body is stressed as well as the lower part of the body. This increases the efficiency of the training.

The particularly long stride length, dynamic pedals and ergonomically shaped arm rods ensure smooth and even movement.

The Dräger Cross Walker meets individual training requirements. It offers the possibility to choose 7 programs like whole body or interval. This allows 5 individual user programs to be compiled.

Terminal with digital display for Distance, Time, UPM, Calories, Pulse, Distance, Profile, Resistance Mets.



Technical Data

Dimensions (L x W x H): 200,5 x 690 x 1620 mm

Weight: 140 kg

Cross-Step-Walker				
Cross-Step-Walker	standalone version, control unit mounted onto the device	65 73 621	488	1
Accessories				
Implementation of the control unit in central control stand			232	1
Control via external PC			232	1

Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Cold Training Systems StairMaster (available from August 2025)

The StairMaster offers an excellent, realistic option for simulating climbing stairs in an application. It is controlled either via an integrated touchscreen display or an external interface. Two railings and two climbing aids ensure the safety of the trainees.

The display shows time, floors and number of steps and speed.

Technical Data

Dimensions (L x W x H): 1510 x 870 x 2250 mm

Weight: 170 kg



StairMaster				
StairMaster	standalone version, control unit mounted onto the device	3734057	488	1

Accessories				
Implementation of the control unit in central control stand			232	1
Control via external PC			232	1

Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Cold Training Systems Fog Machine Power Fog

The Power Fog is a high output fog generator which is used in training galleries. Made from robust material and with a powerful heating element it provides a uniform distribution of fog in the training room. This results in a visibility of 0.3- 0.5 meter and a fog pressure of over 20 meters.

The fog machine is delivered **as standard without a remote control** and is controlled by the control system of the training gallery. Optionally the control is possible via cable remote control with interval function.

Features and benefits

- holder for 5 L canister
- robust housing: 1.5 mm sheet steel, galvanized and coated

Technical Data

Dimensions (L x W x H): 590 x 195 x 255 mm (including canister)

Power Supply: 240 V; 50 Hz AC

Power: 1800 W

Heating up time: approx. 10 min



Power Fog			
Power Fog 1800	6579028	488	1

Power Fog				
Fog fluid, 5 L	only for fog machines "Magnum" and "Fire Fog"/"Power Fog"	6579396	505	1
Fog fluid, 20 L	only for fog machines "Magnum" and "Fire Fog"/"Power Fog"	6573041	505	1

Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Cold Training Systems Fog Machine Fogstar

The Fogstar is a high output fog generator which is primary used in stationary respiratory protection facilities. The 2500 Watts fog machine enables the fast production of large amounts of fog.

Using fog fluid (DW special), it is possible to reach an output of up to 2600 cbm/min. Within a range of 10 m low contrast objects are not to be recognized, black-and-white contrasts are to min. 50% masked. In a training room with 500 m³ volume, a visibility range of max. 2 m with 100% mask ing of high contrast objects can be achieved within 1 min.

Features and benefits

- internal tank (5 L)
- connection capability for any external tank e.g. 25 L
- remote control port (6-pole XLR) available
- control from panel possible

Technical Data

Dimensions (L x W x H): 665 x 259 x 300 mm

Power Supply: 230 V; 50/60 Hz AC

Power: 2500 W

Weight: approx. 13,5 kg

Fluid consumption: max. 220-230 mL/min

Heating up time: approx. 10 min

Fog Machine				
Fogstar		6573042	488	1
Accessories				
Fog fluid 25 L	only for Fogstar	6573043	505	1

Engineered Solutions

Description	Order Code	Product Category	Packing unit
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Cold Training Systems Obstacle Elements


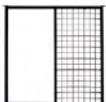

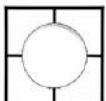
In order to be as best prepared as possible for a mission, the fire training systems have to provide challenges close to reality for the participants.

For this, different Obstacle elements are integrated in training galleries. They enable the training of different situations, e.g. opening of doors, teamwork during the passage through small tubes as well as crawling and climbing over objects while wearing personal protection equipment. The dimensions of the elements can be individually adapted to the requirements of the facility.



Obstacle elements				
	Passage 600 mm	3717652	232	1
	Casement Fastener Door, crawling course	3717549	232	1
	Diagonally divided, running course	3717603	232	1
	Vertical halved, running course	3717595	232	1
	Diagonally divided, crawling course	3717604	232	1
	Crawling course divided above, crawling course	3717602	232	1
	divided swing door, crawling course	3717631	232	1

Engineered Solutions

Description	Order Code	Product Category	Packing unit	
Obstacle elements				
	entrance/exit door self-closing, crawling course	3717636	1	232
	Crawling course divided right/ left, crawling course	3717596	1	232
	Crawling tube 2000mm, crawling course	3717638	1	232
	Manhole, crawling course	3717632	1	232
	Grid locks, crawling course	6573755	1	232
	Grid locks, running course	6573755	1	232

Safety Services

Safety Services

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Safety Services

Safety Services. We add value.

When it comes to the safety of employees and systems, using highquality products is just the first step.

But are you also familiar with our services?

We support you with a broad portfolio of services: from maximising uptime, installing and supporting our solutions, managing your portfolio, training your staff and leveraging the power of data to increase efficiency, reduce risks and drive outcomes.

We accomplish this with our:

- Widespread service network
- Expert knowledge
- Tailor-made solutions
- Over 100 years of experience



Our Services: Maintenance & Repair

Full operational readiness and regulatory compliance for all your devices. We are there for you, quickly and reliably.

Products work at their best when they are correctly and regularly maintained which protects the value of your investment, minimises downtime and supports the efficiency of your processes. We do not only develop our products, we also know how you use them. So we develop individual service solutions which are tailored to meet your requirements.

This means that you can stay focused on your core business – because we take care of the rest.

We can offer original manufacturer servicing on an ad-hoc basis or scheduled regular service visits for a fixed price per year. We are there for you, quickly and reliably.

For more information visit our website or contact your local representative.

Training

Ensure the correct and safe use of your devices because safety is more important than ever before.

From gas detectors to personal protective equipment: Through a variety of learning approaches, we equip you with the expert knowledge needed to efficiently maintain and operate our technology and confidently work in hazardous environments with minimised risk. Our training and education concepts are closely linked to your daily challenges and experiences. In this way, we support a sustainable anchoring of the learning content and a quick transfer into practice. Our training offer reflects the constantly growing demands for practice-oriented knowledge and increasing competence.

For more information visit our website or contact your local representative.

Safety Services

Digital Solutions

Integrated systems to support your processes and increase efficiency.

Networked solutions have had a positive effect on occupational health & safety and worked efficiency. Connected smart safety technology – sharing data with cloud services and tailored web apps – speeds up processes, enlightens decision-making and improves the safety level for workers and facilities.

By acquiring data, we can aggregate and process the data and provide valuable information. Increase your efficiency onsite with our digital service solutions.

For more information visit our website or contact your local representative.

Consultancy Services

Starting with an in-depth analysis of the current situation and clear understanding of your needs, we deliver comprehensive insights and concepts to improve safety on-site.

Safety is a complicated mission – involving diverse technologies, systems and cross-departmental teams. All must be planned and orchestrated to achieve a singular goal: keep the facility's people and facilities safe. While there is no such thing as 100% protection against unplanned events, a solid safety and emergency management plan can limit danger.

For more information visit our website or contact your local representative.

Dräger Rental and Shutdown Services

Directly on-site and behind shutdowns for you. We've got you covered with our rental equipment.

Rental Equipment

Dräger combines know-how from many years of experience with cost-optimized and customized safety solutions, down to every detail.

When it comes to rental equipment, we're sure to have what you need. More than 125,000 rental equipment items are available, including:

- Gas detection equipment
- Drug and alcohol testing equipment
- Breathable air supply equipment
- Personal protection equipment (PPE)

Shutdown Services

Your partner for shutdowns and turnarounds.

The increasing complexity of system shutdowns and turnarounds is reflected in the global trend towards ever-shorter downtimes in conjunction with greatly increased workloads. Maintaining the quality of work, protecting the environment, and paying particular attention to occupational safety and the prevention of dangers and hazards requires innovative concepts and international applicability. All over the world, Dräger supervises shutdowns of all sizes, and the objective is always to complete the work with zero outages, zero unexpected incidents and zero accidents. To do that, we take unique and tailored approaches to help you deal with every situation quickly and effectively.

For more information visit our website or contact your local representative.

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