

## Dräger X-plore® 8000 Powered Air-Purifying Respirator (PAPR)

Challenging workplace conditions demand reliable solutions. The Dräger X-plore® 8000 offers a new level of intuitive handling combined with intelligent electronics that provide the high degree of safety your people need to focus on the task at hand.



### Intelligent alarm system

Two-step alarm concept with differentiation of risk level

### Lithium-ion technology

Operating time between 4 and 20 hours depending on the working conditions and system set-up

### IP65 protection

IP65 for optimal protection and easy decontamination

### Filter recognition

Advanced sensor technology recognises the correct filter and displays particle filter saturation properly

### Hose identification

Automatic adjustment of minimum flow rate for attached headpiece

## Benefits

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### **Robust: Designed for daily use in tough environments, even in explosive atmospheres**

Let's face it: for your workplace, only the most rugged design will do. The Dräger X-plore 8000 features heavy-duty design with rubber protectors and high ingress protection (IP65) against dust and water jets from any direction. Two battery versions incorporating the latest Li-ion battery technology provide power for at least 4 h or 8 h, respectively. The air inlets are protected from frontal moving debris, ensuring that sparks or water do not come into direct contact with the filter.

In work areas requiring explosion protection, the special Dräger X-plore 8700 model provides optimal support. It is ex-approved and can be used in ex-zones 1, 2, 21 and 22.

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### **Comfortable: Let the user focus on the task**

The Dräger X-plore 8000 lets your employees do their job and forget about the PAPR they need for proper personal protection. The advanced carrying system ensures optimal distribution of the weight. The system provides a tight and stable connection between the belt and the unit through a special adaptor plate; a comfort pad is also available as an option. The hose connector features a 360° click adaptor. New headpieces are designed for optimal airflow and maximum comfort to avoid unpleasant eye irritation.

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### **Safe: Self-explanatory operation minimises user error**

The unit recognises connected headgear and automatically selects the correct minimum flow rate, avoiding leakages caused by insufficient flow rates. An optical sensor prevents use without the filter and supports the right display of the saturation of the particle filter at any time. The filter system features plug-and-go exchange. In addition to the optical and acoustical alarm, the unit is also equipped with a vibration alarm. The entire system features uniform colour codes on all exchangeable elements and an error-proof hose connector.

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### **Easy to maintain: Efficient cleaning together with secure operation**

The Dräger X-plore 8000 was designed to be practically maintenance-free, leading to low cost of ownership. The self-check and self-adjustment systems feature advanced temperature and pressure sensor technology to ensure the right flow rate for any environment. The simple and efficient charging system allows rapid charging (under 4 h for an empty battery). The unit is designed for fast and easy disassembly for cleaning.

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### **Modular: A wide range of components for every application**

The Dräger X-plore 8000 offers a number of user-friendly standard and specialised carrying systems for standard and decontamination applications. Dräger has also developed a wide range of tight- and loose-fitting headgear such as half and full-face masks, short and long hoods and helmets with visor and protective visor. Standard and enhanced flexibility hoses are available and compatibility is ensured. Components and accessories can be combined to best fit your application, and system upgrades are possible at any time.

## Details



D-118879-2013-thumbnaill-lore-online

Dräger X-plore® 8500



D-617-2014-thumbnaill-lore-online

Dräger X-plore® 8700 EX

## System Components



D-119066-2013

### Dräger X-plore® 8000 Batteries

Lithium-ion battery for Dräger X-plore® 8000 – available as a standard battery with a rated battery life of at least 4 hours\* or as a long-life battery with a rated battery life of at least 8 hours\*. Both battery types are also available as ex-protected version for Dräger X-plore® 8700.

(\*at 210 L/min and with P3 filter)



D-118837-2013

### Dräger X-plore® 8000 Charger

The Dräger X-plore® 8000 charging system can charge a flat battery in less than four hours. The battery will be at least 80% charged after two hours. In addition to the Standard Charger, a Multi-Unit Charger is offered. You can connect up to five modules in order to load batteries in parallel.

## System Components



D-38276-2015

### Dräger X-plore® 8000 Filter

The Dräger X-plore® 8000 filter series offers an extensive programme of various filter types for all essential application fields and protects against a number of gases and vapours.



D-119049-2013

### Dräger X-plore® 8000 Belt

Three belt versions are available for the Dräger X-plore® 8000 series: a standard belt, a decon belt (each with an optional belt extension) and a welding belt.



D-119071-2013

### Dräger X-plore® 8000 Hood

Dräger X-plore® 8000 hoods are available as a standard version or a premium version, and in short or long models. Using these hoods is advisable in all areas where additional head and eye protection is not mandated by regulations.



D-160-2017

### Dräger X-plore® 8000 Helmets and Visors

The Dräger X-plore® 8000 helmets and visors are particularly suitable for industrial environments in which head and eye protection is required. In addition to a protective visor and a helmet with a visor, the portfolio also includes a special visor for welders.

## System Components



D-38275-2015

### Dräger X-plore® Half and Full-Face Masks

The Dräger X-plore® half and full-face masks offer the highest level of flexibility and optimal protection, including the additional requirements for closed breathing connections.



D-38277-2015

### Dräger X-plore® 8000 Breathing Hoses

The Dräger X-plore® 8000 system offers three different breathing hoses to match your headgear. Hoses are also available as standard or flexible versions.

## Accessories



D-118051-2013

### Dräger X-plore® 8000 Comfort Pad

The Dräger X-plore® 8000 standard belt can be enhanced with a comfort pad, thus offering additional wearing comfort.

## Accessories



D-43805-2015

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### Dräger X-plore® 8000 Shoulder Carrying System

The shoulder carrying system can be combined with all Dräger X-plore® 8000 belt versions and offers better distribution of weight.



D-118954-2013

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### Dräger X-plore® 8000 Prefilter

For use with Dräger X-plore® 8000 particle or combination filters in order to extend the usage period.



D-43811-2015

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### Dräger X-plore® 8000 Odour Filters

For use with Dräger X-plore® 8000 particle filters in order to filter out annoying odours.

## Technical Data

Powered Air-Purifying Respirator for protection against a wide range of gases, dust and particles

Approvals	EN 12941 with Dräger X-plore® 8000 Hoods, Helmets and Visors EN 12942 with Dräger X-plore® 4740/6000 half and full-face masks incl. Dräger FPS® 7000 full-face mask ATEX* II 2G Ex ib IIB T4 Gb II 2D Ex ib IIIB T135°C Db T <sub>AMB</sub> : -10 °C < Ta < +50 °C IECEX* Ex ib IIB T4 Gb Ex ib IIIB T135°C Db T <sub>AMB</sub> : -10 °C < Ta < +50 °C
Ingress protection	IP65 (dust-tight and resistant to water jets from all sides)
Airflow	Automatic setting of operating type: loose- or tight-fitting headpiece; Adjustable in three levels: Half and full-face mask: 115, 130 or 145 l/min Hoods, Helmets and Visors: 170, 190 or 210 l/min
Battery technology	Lithium-ions: 12.6 V/3.4 Ah (standard battery), 12.6 V/6.8 Ah (high-capacity battery)
Operating time**	Standard battery life: 4 hours (at 210 l/min and P3 filter) High-capacity battery: 8 hours (at 210 l/min and P3 filter)
Charging time	Approx. 4 hours (in two hours 80% can be reached)
Weight	Dräger X-plore® 8500 incl. standard battery and splash guard lid: approx. 1,400 g Dräger X-plore® 8700 incl. standard battery (EX) and splash guard lid: approx. 1,500 g
Alarm system	Optical alarm (operating display) Acoustical alarm (≥ 80 dB(A) at 1 m) Vibration alarm
Belt length	Adjustable between 700 mm and 1,400 mm (standard and decontamination version)
Belt extension	350 mm (standard and decontamination version)

\* Standard long hoods, disposable hose cover and welding visor must not be used in potentially explosive atmospheres.

\*\* Depending on the adjusted flow and the concentration of contaminants

## Ordering Information

		Order number
Blower unit	Dräger X-plore® 8500	R 59 500
	Dräger X-plore® 8700 (EX)	R 59 550
Batteries	Dräger X-plore® 8000 Standard battery	R 59 565
	Dräger X-plore® 8000 High-capacity battery	R 59 585
	Dräger X-plore® 8000 Standard battery (EX)	R 59 575
	Dräger X-plore® 8000 High-capacity battery (EX)	R 59 595
	Dräger X-plore® 8000	R 59 780
Charger	Dräger X-plore® 8000	R 59 780

## Ordering Information

		Standard charger	
		Dräger X-plore® 8000	R 59 890
		Multi-unit charger, 1 module w/o cable	
		Dräger X-plore® 8000	R 59 950
		Multi-unit charger, 1 module w/ EU cable	
		Dräger X-plore® 8000	R 59 960
		Multi-unit charger, 1 module w/ UK cable	
		Dräger X-plore® 8000	R 59 970
		Multi-unit charger, 1 module w/ AUS cable	
		Dräger X-plore® 8000	R 59 980
		Multi-unit charger, 1 module w/ USA cable	
Carrying systems		Dräger X-plore® 8000	R 59 700
		Standard belt	
		Belt extension for Dräger X-plore® 8000	R 59 750
		Standard belt, 35 cm	
		Dräger X-plore® 8000	R 59 730
		Comfort pad	
		Dräger X-plore® 8000	R 59 710
		Decon belt	
		Belt extension for Dräger X-plore® 8000	R 59 760
		Decon belt, 35 cm	
	Dräger X-plore® 8000	R 59 720	
	Welding belt		
	Dräger X-plore® 8000	R 59 740	
	Shoulder carrying system		
Breathing hoses	Standard hoses	Dräger X-plore® 8000	R 59 630
		Standard hose (for tight-fitting headpieces)	
		Dräger X-plore® 8000	R 59 620
		Standard hose (for hoods)	
		Dräger X-plore® 8000	R 59 640
		Standard hose (for helmets and visors)	
	Flexible hoses	Dräger X-plore® 8000	R 59 610
		Flexible hose (for tight-fitting headpieces)	
Dräger X-plore® 8000		R 59 600	
Flexible hose (for hoods)			
	Dräger X-plore® 8000	R 59 650	
	Flexible hose (for helmets and visors)		
Filter	Prefilter	Dräger X-plore® 8000 Prefilter	67 39 730
	Odour filter	Dräger X-plore® 8000	67 39 605
		Odour filter	
		Dräger X-plore® 8000	67 39 735

## Ordering Information

	Odour filter, set	
Particle filter	Dräger X-plore® 8000	67 39 535
	Filter P R SL	
Gas filter	Dräger X-plore® 8000 Filter A2	67 39 580
	Dräger X-plore® 8000 Filter K2	67 39 585
Combination filter	Dräger X-plore® 8000	67 39 545
	Filter A2 P R SL	
	Dräger X-plore® 8000 Filter	67 39 550
	A1B1E1 P R SL	
	Dräger X-plore® 8000 Filter	67 39 555
Accessories	A1B1E1K1 Hg P R SL	
	Dräger X-plore® 8000	R 59 690
	Storage box	
	Dräger X-plore® 8000	R 59 670
	Hose cover, disposable	
	Dräger X-plore® 8000	R 59 660
	Hose cover, spark proof	

Select the appropriate Dräger X-plore® 8000 respirators for the Dräger X-plore® 8000 PAPR from the available product information:

Dräger X-plore® 8000 hood, helmets, visors und masks.

Please adhere to the instructions for use to ensure the required safety precautions for specific applications are fulfilled.

## Notes

Not all products, features, or services are for sale in all countries.  
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