

## 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.



D-11897E-2013

### **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**

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.

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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 3h 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.

## 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\*.

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



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### Dräger X-plore® 8000 Charger

The Dräger X-plore® 8000 charging system can charge a flat battery in approximately three hours. The battery will be at least 80% charged after two hours.



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.

## System Components



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-38276-2015

### 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.



D-38279-2015

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

The Dräger X-plore® half-masks and full 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



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### 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.



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### Dräger X-plore® 8000 Shoulder Harness

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



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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.



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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
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	Under 3 hours (in two hours 80% can be reached)
Weight	Approx. 1,400 g (Dräger X-plore® 8500 incl. standard battery and splash guard lid)
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)
** Depending on the adjusted flow and the concentration of contaminants	

## Ordering Information

		Order number	
Blower unit	Dräger X-plore® 8500 (IP)	R 59 500	
Batteries	Dräger X-plore® 8000 Standard battery	R 59 565	
	Dräger X-plore® 8000 High-capacity battery	R 59 585	
Charger	Dräger X-plore® 8000 Standard charger	R 59 580	
Carrying systems	Dräger X-plore® 8000 Standard belt	R 59 700	
	Belt extension for Dräger X-plore® 8000 Standard belt, 35 cm	R 59 750	
	Dräger X-plore® 8000 Comfort pad	R 59 730	
	Dräger X-plore® 8000 Decon belt	R 59 710	
	Belt extension for Dräger X-plore® 8000 Decon belt, 35 cm	R 59 760	
	Dräger X-plore® 8000 Welding belt	R 59 720	

## Ordering Information

		Dräger X-plore® 8000 Shoulder harness	R 59 740
Breathing hoses	Standard hoses	Dräger X-plore® 8000 Standard hose (for Tight-fitting headpieces)	R 59 630
		Dräger X-plore® 8000 Standard hose (for Hoods)	R 59 620
		Dräger X-plore® 8000 Standard hose (for Helmets and Visors)	R 59 640
	Flexible hoses	Dräger X-plore® 8000 Flexible hose (for Tight-fitting headpieces)	R 59 610
		Dräger X-plore® 8000 Flexible hose (for Hoods)	R 59 600
		Dräger X-plore® 8000 Flexible hose (for Helmets and Visors)	R 59 650
Filter	Prefilter	Dräger X-plore® 8000 Prefilter	67 39 730
	Odour-Filter	Dräger X-plore® 8000 Odour-Filter	67 39 605
		Dräger X-plore® 8000 Odour-Filter, Set	67 39 735
	Particle filter	Dräger X-plore® 8000 Filter P R SL	67 39 535
	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 Filter A2 P R SL	67 39 545
		Dräger X-plore® 8000 Filter A1B1E1 P R SL	67 39 550
		Dräger X-plore® 8000 Filter A1B1E1K1 Hg P R SL	67 39 555
	Accessories		Dräger X-plore® 8000 Storage box
		Dräger X-plore® 8000 Hose cover, disposable	R 59 670
		Dräger X-plore® 8000 Hose cover, spark proof	R 59 660

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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