



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

Workplace environments that compromise the quality of air you breathe demand reliable solutions. The Dräger X-plore® 8000 powered air-purifying respirator (PAPR) offers a new level of intuitive handling combined with intelligent electronics. The result? A high degree of safety that workers need to focus on the task at hand.

Dräger X-plore® 8000



D-118978-2013

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Intelligent Electronics

Two-level alarm. Automatic flow check and calibration.

Lithium-ion technology

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

Robust Design

Shock absorbing design. Rated for 10,000 hours of use. IP65 protection.

Filter recognition

Advanced sensor technology recognizes the correct filter and displays particle filter life.

Hose identification

Automatic adjustment of minimum flow rate for attached headpiece

Benefits

Robust: Designed for daily use in tough environments

Let's face it: for your workplace, only the most rugged PAPR design will do. The Dräger X-plore® 8000 features heavy-duty design with rubber protectors and high ingress protection (IP 65) against dust and water from any direction. The latest Li-ion battery technology provides power for up to 20 hours of use, on a single charge. Protected air intake openings ensure that sparks or water coming from the front will not be sucked into the filter. In work areas requiring explosion protection, the Dräger X-plore 8700 model provides optimal support.

Comfortable: Lets you focus on the task

The Dräger X-plore® 8000 lets you do your job and forget about the PAPR you need for proper personal protection. The advanced carrying system ensures optimal weight distribution of the unit. 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. To avoid eye irritation, the system's new headpieces are designed for optimal airflow and maximum comfort.

Safe: Self-explanatory operation minimizes user error

The PAPR unit recognizes the connected headgear and automatically selects the correct minimum flow which avoids leakages due to insufficient flow rates. An optical sensor prevents use without the filter and displays the filter life remaining, when using the particle filter. 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 color codes on all exchangeable elements and an error-proof hose connector.

Easy of maintenance: Efficient cleaning together with secure operation

The Dräger X-plore® 8000 PAPR 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 (less than 3 hours for an empty battery). The unit is designed for fast and easy disassembly for cleaning.

Modular: A wide range of components for every application

The Dräger X-plore® 8000 offers a number of user-friendly carrying systems for standard and decontamination applications. To complete the system, Dräger developed a wide range of tight- and loose-fitting headgear, such as full-face masks, short and long hoods, hoods with head protection, and helmets with visor. Standard and enhanced flexibility hoses are available and compatibility is ensured. You can combine various and accessories to best fit your application, and system upgrades are possible at any time.

Details



D-1118978-2013

Dräger X-plore® 8500



D-617-2014

Dräger X-plore® 8700 EX

System Components



D-1119066-2013

Dräger X-plore® 8000 Batteries

Lithium-ion battery for Dräger X-plore® 8000– available as a long-life battery with a rated battery life of at least 8 hours*. Also available as EX-protected version for Dräger X-plore® 8700.

(*at 210 L/min and with particulate filter)



D-1118937-2013

Dräger X-plore® 8000 Charger

The Dräger X-plore® 8000 charging system can charge an empty battery in approximately 3 hours. The battery will be at least 80% charged after 2 hours.

System Components

D-38278-2015



Dräger X-plore® 8000 Filter

The Dräger X-plore® 8000 filter series offers an extensive choice of filter types for all essential application fields and protects against a number of particles, gases and vapors.

D-119049-2013



Dräger X-plore® 8000 Belt

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

D-25013-2020



Dräger X-plore® 8000 Hoods

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-24220-2020



Dräger X-plore® 8000 Helmets

Dräger X-plore® 8000 helmets provide effective head and eye protection combined with maximum comfort for the most demanding work environments. Available in a variety of neck seal and shroud options.

System Components

ST-7497-2005



Dräger X-plore® Full Masks

The tight fitting design of the Dräger X-plore® 6300 is an efficient full face mask with outstanding comfort and quality. Additional full face styles are also available.

D-119058-2013



Dräger X-plore® 8000 Breathing Hoses

The Dräger X-plore® 8000 breathing hoses connect your Dräger headpiece, such as a hood or helmet, to the X-plore® 8000 PAPR. In addition, the breathing hoses are available as a standard version or in a flexible version.

D-37183-2021_D-37186-2021



Dräger X-Plore 8000 Hoods with Head Protection

For chemical hood applications requiring head protection, select either our Z89 helmet or bump cap shell for added protection. The outer hood is available in both Dupont™ Tychem® 2000 or 4000 material.

Accessories

D-119051-2013



Dräger X-plore® 8000 Comfort Pad

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

D-43805-2015



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.

D-118954-2013



Dräger X-plore® 8000 Prefilter

Prefilters are designed for use with Dräger X-plore® 8000 particle or combination filters to extend the usage period.

D-43811-2015



Dräger X-plore® 8000 Odor Filters

Odor filters are designed use with Dräger X-plore® 8000 particle filters to filter out annoying odors.

Technical Data

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

Approvals	NIOSH 42 CFR 84 with Dräger X-plore 8000® hoods, helmets, X-plore® 6000 and FPS 7000 full-face masks	
	CSA (X-plore 8700 only) * Ex ib IIB T4 Gb Ex ib IIIB 135°C Db Class I, Zone 1, AEx ib IIB T4 Gb Zone 21, AEx ib IIIB 135°C Db	
	CSA C22.2 No. 61010-1-12, Rev May 11, 2012	Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use - Part 1: General Requirements - Third Edition
	CAN/CSA-C22.2 No. 60079-0:19	Explosive Atmospheres - Part 0: Equipment - General requirements
	CAN/CSA-C22.2 No. 60079-11:14	Explosive Atmospheres- Part 11: Equipment protection by intrinsic safety "i"
	UL 61010-1, 3rd ed, Rev May 11, 2012	Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use - Part 1: General Requirements - Third Edition
	ANSI/UL 60079-0:2020	Electrical Apparatus for Explosive Gas Atmospheres - Part 0: General Requirements
	ANSI/UL 60079-11:13	Electrical apparatus for Explosive Gas Atmospheres - Part 11: Intrinsic Safety "i"
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: Full-face mask: 115, 130 or 145 l/min Hoods and Helmets: 170, 190 or 210 l/min	
Battery technology	Lithium-ions: 10.8 V/6.8 Ah (high-capacity battery)	
Operating time**	High-capacity battery: 8 to 20 hours	
Charging time	In 4 hours (in 2 hours 80% can be reached)	
Weight	Dräger X-plore® 8500 incl. standard battery and splash guard lid: approx. 3 lbs Dräger X-plore® 8700 incl. standard battery (EX) and splash guard lid: approx. 3.3 lbs	
Alarm system	Optical alarm (operating display) Acoustical alarm ≥ 80 dB(A) at 3.3 ft. Vibration alarm	
Belt length	Adjustable between 27.5 in. and 55. in. (standard and decontamination version)	
Belt extension	13.8 in. (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 (IP)	R 59 500	
		Dräger X-Plore 8700 (EX)	R 59 550	
		Dräger X-plore® 8000 High-capacity battery	R 59 585	
		Dräger X-Plore 8000 High-capacity battery (EX)	R 59 595	
Charger		Dräger X-plore® 8000 Standard charger	R 59 780	
Carrying systems		Dräger X-plore® 8000 Standard belt	R 59 700	
		Belt extension for Dräger X-plore® 8000 Standard belt	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	R 59 760	
		Dräger X-plore® 8000 Welding belt	R 59 720	
		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 Helmets and Hoods)	R 59 620
Flexible hoses		Dräger X-plore® 8000 Flexible hose (for Tight-fitting headpieces)	R 59 610	
		Dräger X-plore® 8000 hose (for Helmets and Hoods)	R 59 600	

Ordering Information

Filter	Prefilter	Dräger X-plore® 8000 Prefilter	67 39 730
	Odor-Filter	Dräger X-plore® 8000 Odor-Filter	67 39 605
		Dräger X-plore® 8000 Odor-Filter, Set	67 39 735
	Particulate filter	Dräger X-plore® 8000 HE	67 39 540
	Gas filter	Dräger X-plore® 8000 OV	67 39 575
		Dräger X-plore® 8000 MultiGas (CL/HF/AM/MA/FM/HS/SD/HC)	67 39 590
	Combination filter	Dräger X-plore® 8000 OV/HE	67 39 560
		Dräger X-plore® 8000 OV/AG/HE	67 39 565
		Dräger X-plore® 8000 MultiGas HE (CL/HF/AM/MA/FM/HS/SD/HC/HE)	67 39 570
	Accessories	Dräger X-plore® 8000 Blower cover pouch	R 59 880
Dräger X-plore® 8000 Hose cover, disposable		R 59 670	
Dräger X-plore® 8000 Hose cover, spark proof		R 59 660	

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

Hoods	See separate product information sheet: Dräger X-plore® 8000 Hoods
Helmets	See separate product information sheet: Dräger X-plore® 8000 Helmets and Head Pieces

Notes

Notes

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