

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-118978-2013

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

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 (IP 65) 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. Protected air intake openings ensure that sparks or water coming from the front will not be sucked into the filter.

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.

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.

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 4h 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 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 Standard battery



D-118837-2013

Dräger X-plore® 8000 Standard charger



D-119049-2013

Dräger X-plore® 8000 Standard belt



D-119046-2013

Dräger X-plore® 8000 Decon belt

System components



D-119056-2013

Dräger X-plore® 8000 Standard hose



D-118851-2013

Dräger X-plore® 8000 Filter P R SL



D-118942-2013

Dräger X-plore® 8000 Filter A2



D-118845-2013

Dräger X-plore® 8000 Filter A2 P R SL

System components

D-118941-2013



Dräger X-plore® 8000 Filter A1B1E1K1 Hg P R SL

D-118022-2013



Dräger X-plore® 8000 Standard hood, short

D-118009-2013



Dräger X-plore® 8000 Premium hood, short

D-31814-2011



Dräger X-plore® 4740

System components



D-43186-2012

Dräger FPS 7000



ST-7467-2005

Dräger X-plore® 6000



D-119033-2013

Dräger X-plore® 8000 Helmet with visor, black or white



D-119031-2013

Dräger X-plore® 8000 Protective visor

Accessories



D-119051-2013

Dräger X-plore® 8000 Comfort pad



D-119063-2013

Belt extension for X-plore® 8000 Standard belt

Related Products



ST-3213-2003

Dräger X-plore® 7300

The Dräger X-plore® 7300 is the suitable powered air purifying respirator when it comes to protection against hazardous particles. Ideal for use in dusty atmospheres: including grinding and wood work applications, various types of welding, and pharmaceutical applications.

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	Adjustable in three levels (automatic setting of operating type: loose- or tight-fitting headpiece) 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 4 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 750 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 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 X-plore® 8000 Decon belt, 35 cm	R 59 760
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

Ordering Information

		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		EN – P	Dräger X-plore® 8000 Filter P R SL	67 39 535
		EN – A2 (gas filter)	Dräger X-plore® 8000 Filter A2	67 39 580
		EN – A2 P (combination filter)	Dräger X-plore® 8000 Filter A2 P R SL	67 39 545
		EN – ABEK1 Hg P (combination filter)	Dräger X-plore® 8000 Filter A1B1E1K1 Hg P R SL	67 39 555
Hoods	Standard hoods	Dräger X-plore® 8000 Standard hood, short (S/M)	R 59 800	
		Dräger X-plore® 8000 Standard hood, short (L/XL)	R 59 810	
		Dräger X-plore® 8000 Standard hood, long (S/M)	R 59 820	
		Dräger X-plore® 8000 Standard hood, long (L/XL)	R 59 830	
	Premium hoods	Dräger X-plore® 8000 Premium hood, short (S/M)	R 59 840	
		Dräger X-plore® 8000 Premium hood, short (L/XL)	R 59 850	
		Dräger X-plore® 8000 Premium hood, long (S/M)	R 59 860	
		Dräger X-plore® 8000 Premium hood, long (L/XL)	R 59 870	
		Dräger X-plore® 4740 SI (S/M)	R 55 875	
		Dräger X-plore® 4740 SI (M/L)	R 55 874	
Half masks		Dräger X-plore® 6300 EPDM/PMMA	R 55 800	
Full-face masks		Dräger X-plore® 6530 EPDM/PC	R 55 795	
		Dräger X-plore® 6570 SI/PC	R 55 790	
		Dräger FPS® 7000 EPDM-S1-PC-CR	R 56 502	
		Dräger FPS® 7000 EPDM-M2-PC-CR	R 56 310	
		Dräger FPS® 7000 EPDM-L2-PC-CR	R 56 503	
		Dräger X-plore® 8000 Helmet with visor, white	R 59 910	
Helmets		Dräger X-plore® 8000 Helmet with visor, black	R 58 325	
		Dräger X-plore® 8000 Protective visor	R 59 900	

Ordering Information

Accessories

Dräger X-plore® 8000 Storage R 59 690
box

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