

THE FILTERING SYSTEM DESIGNED FOR EVERYDAY USE IN TOUGH CONDITIONS AND HARSH ENVIRONMENTS.



TECHNICAL DATA

VENTILATION UNIT

Approvals	EN 12941 with Dräger X-plore® 8000 Hoods, Helmets and Visors EN 12942 with Dräger X-plore® 6000 half and full-face masks ATEX: II 2G Ex ib IIB T4 Gb, II 2D Ex ib IIIB T135°C Db
Protection Class	IP65 (dust-tight and resistant to water jets from all sides)
Airflow	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: 4 - 8 hours High-capacity battery: 8 - 20 hours
Charging time	± 4 hours (in two hours 80% can be reached)
Weight	± 1,400 g (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)

BENEFITS:

Comfortable: the belt ensures optimum weight distribution. The unique adaptor plate guarantees a tight and stable connection between the belt and the unit. The new facepieces have been designed to provide optimum air flow and maximum comfort to prevent any eye irritation.

Safe: the unit recognises the type of facepiece connected and automatically selects the appropriate minimum flow rate, preventing leakages caused by insufficient flow rates.

Easy maintenance and servicing: the X-plore 8000 has been designed to need as little maintenance as possible to keep the cost of ownership down.

Robust: specially designed for work environments that require explosion protection, the Dräger X-plore 8700 provides optimum support. Ex approved, it is suitable for zones 1, 2, 21 and 22. This model is also available with a strap.

FILTERS RANGE

Particle filter	Dräger X-plore® 8000 Filter P R SL
Gas filter	Dräger X-plore® 8000 Filter A2 Dräger X-plore® 8000 Filter K2
Combination filter	Dräger X-plore® 8000 Filter A2 P R SL Dräger X-plore® 8000 Filter A1B1E1 P R SL Dräger X-plore® 8000 Filter A1B1E1K1 Hg P R SL
Prefilter	Dräger X-plore® 8000 Prefilter
Odour filter	Dräger X-plore® 8000

Filter performance according to EN 12941/EN 12942



X-PLORE 8700 (EX): POWERED FILTERING RESPIRATORY SYSTEM

The X-plore 8700 (Ex) can be used in explosive atmospheres and is suitable for zones 1, 2, 21 and 22. As a new member of the X-plore 8000 family, it is compatible with existing accessories. It allows users to concentrate on the task at hand, including in potentially explosive zones.

A large variety of components is available for all types of application. The Dräger X-plore 8000 offers a wide variety of user-friendly headgear options for both standard and specialised applications.



TECHNICAL DATA

HOODS



Standard hoods

Premium hoods

	Standard hoods	Premium hoods
Approvals	EN 12941 - TH3 (respiratory protection) 1 F 3 - EN 166 (eye protection)	EN 12941 - TH3 (respiratory protection) 1 F 3 - EN 166 (eye protection)
Hood material	PP/PE	PA, PU-coated
Visor materia	PC	PC
Size	Size S/M (scope 52 cm up to 59 cm) Size L/XL (scope 57 cm up to 64 cm)	Size S/M (scope 52 cm up to 59 cm) Size L/XL (scope 57 cm up to 64 cm)
Weight	Short hoods: ±145 g Long hoods: ± 205 g	Short hoods: ± 200 g Long hoods: ± 390 g
Head harness	Adjustable strap (neck area and above the head), sweatband, removable (area of the forehead)	Adjustable strap (neck area and above the head), sweatband, removable (area of the forehead)
Hose connection	Hose nozzle Dräger X-plore® 8000 (behind)	Hose nozzle Dräger X-plore® 8000 (behind)
Air outlet	Permeable material in the chin area	Permeable material in the chin area

HELMETS WITH VISOR, PROTECTIVE VISOR AND WELDING VISOR



	Helmet with visor	Protective visor	Welding visor
Approval - respiratory protection	EN 12941 - TH2	EN 12941 - TH2	EN 12941 - TH2
Approval - head protection	EN 397	-	-
Approval - eye protection	EN 166 1 B 9 3	EN 166 1 B 9 3	EN 175 (visor), EN 379 (ADF)
Material visor	PC (AC available as spare part)	PC	PC (protective plate outside)
Material helmet	ABS	-	-
Material frame of visor	PA	PA	PA
Material face seal	PA coated with PU	PA coated with PU	Proban®
Weight	630 g	490 g	780 g (incl. ADF), 625 g (without ADF)
Size of visor	32 cm x 16 cm	32 cm x 15.5 cm	9 cm x 11 cm
Colour	Entire black/white helmet with black frame and face seal	Black	Black
Temperature range (operation)	5 °C to +50 °C	-5 °C to +55 °C	-5 °C to +55 °C
Head harness	Ratchet, adjustable (51 to 63 cm) Sweatband	Adjustment wheel (51 to 64 cm) Sweatband	Adjustment wheel (50 to 60 cm) Sweatband
Air inlet	Hose connector at the back	Hose connector at the back	Hose connector at the back
Air distribution	Air duct over the head	Air duct over the head	Air duct over the head
Air outlet	Permeable material in the chin area	Permeable	Permeable