



## Dräger X-plore 8000 Helmets Head Pieces for PAPR and Airline Systems

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Helmet options in the Dräger X-plore 8000 series provide combined head and respiratory protection with high comfort. Different lengths and materials for the neck seal allow quick and easy adaptation to specific applications. These helmets are compatible with all powered air-purifying respirators in the Dräger X-plore 8000 series and the Dräger X-plore 9300 airline device.

# Dräger X-plore 8000 Helmets

## X-plore 8000 Helmet PC visor HL1

### Easy maintenance

The helmet seal can be attached quickly without using additional tools

### Flip-up visor

Without fixed visor frame

### Wide field of view

Optimal eye protection with a wide field of vision thanks to the panoramic visor



### Adjustable air outlet

For additional comfort

### Quick-adjust system

Easily adjustable to any head size

### Secure fit

Reliable fixation of the helmet thanks to the adjustable chin strap

# Dräger X-plore 8000 Helmets

X-plore 8000 Helmet PC visor L1Z - L3T4 (shown here with L2Z neck seal)

## Optimal comfort

Padding on the forehead and head combined with even weight distribution for maximum comfort

## Adjustable air outlet

Individually adjustable for a comfortable fit

## Wide field of view

Large panoramic visor with optimal downwards and sideways visibility, including anti-fog and anti-scratch coating

## Wide range of use cases

Different face seals available to suit your needs



## Customised fit

Easily adjustable head harness in the helmet shell for a perfect fit

## Good visibility

Reflective stickers – easy to see even in poor visibility conditions

## Comprehensive range of accessories

Easy to combine with various accessories such as hearing protection

## Hygienic

Suitable for machine washing and disinfection

# Benefits

## Holistic protection

When performance and protection matter most, Dräger X-plore 8000 helmets deliver uncompromising safety and comfort — even in the toughest working conditions. Combined with either one of our powered air-purifying respirator (PAPR) systems or an airline system they ensure reliable head protection and safe breathing across a wide range of industries and application fields, from chemical and pharma to oil and gas industry and other heavy industries. They provide comprehensive protection for the head, face, and eyes against chemical or mechanical hazards depending on the configuration. The versions X-plore 8000 helmet PC visor L1Z - L3T4 are compatible with hearing protection, ensuring comprehensive protection and reliable performance even in high-noise work environments.

## Robust design

Combining strength with a robust design, X-plore 8000 helmets are engineered for daily use in demanding industrial environments. Different face seal materials including mechanical Zytec® seals and chemical-resistant Tychem® seals, provide tailored protection for a variety of needs. The helmets' construction ensures durability and stability, delivering reliable performance even under the toughest conditions. All helmets feature a panoramic visor with anti-fog and anti-scratch coatings, ensuring clear and consistent vision. They are also suitable for machine washing and disinfection, supporting hygienic maintenance. Easy maintenance is ensured through removable parts for easy cleaning, servicing, and replacement. Designed for long-lasting durability, the helmets are supported by a comprehensive range of spare parts to maintain performance and usability.

## Comfortable fit

Each helmet offers individual adjustment options to ensure a precise and secure fit. The head harness can be adapted in both size and height, while the direction of the breathing air outlet near the forehead can be adjusted to enhance airflow inside the helmet. Forehead and crown padding further improve wearing comfort, even during extended periods of use, and additionally support the absorption of sweat. The helmet's design also ensures optimal weight distribution, reducing strain and fatigue for the wearer.

## Versatile configurations

Different industries and applications demand tailored protection solutions. X-plore 8000 helmets form an integral part of our X-plore 8000 powered air-purifying respirator systems for ambient air-dependent applications, as well as the X-plore 9300 compressed air line system for use with an independent air supply.

A variety of face seal options in different materials and lengths ensures a customized fit. Mechanical seals are made of Zytec®, with L1Z short-length (no neck protection), L2Z medium-length (with neck protection), and L3Z long-length (shoulder protection). Chemical seals are made of Tychem® 2000 for L2T2 medium-length (with neck protection) and Tychem® 4000, for L3T4 long-length with welded seams (shoulder protection). The HL1 helmet version with its short-length seal can be equipped with a flame-retardant helmet cover or a heat protection set, ensuring reliable protection in heavy-duty industrial environments.

# Details



Dräger X-plore 8000 helmet PC visor L1Z



D-15890-2024

Dräger X-plore 8000 helmet PC visor L2Z



Dräger X-plore 8000 helmet PC visor L3Z



Dräger X-plore 8000 helmet PC visor L2T2



Dräger X-plore 8000 helmet PC visor L3T4



D-8612-2023

Dräger X-plore 8000 helmet PC visor HL1

# System Components

D-16437-2024



## Dräger X-plore 8300

Reliable respiratory protection against harmful particles with no noticeable breathing resistance or restriction to movement: The Dräger X-plore 8300 is the smallest and lightest PAPR device in its class, offering maximum protection and comfort. The powered air-purifying respirator integrates seamlessly with the X-plore 8000 product range and can be combined with various X-plore 8000 headpieces, hoses and a wide range of carrying options and accessories.

D-3457-2023



## Dräger X-plore 8500

Challenging working environments require a robust and reliable protective solution. The X-plore 8500 powered air-purifying respirator delivers uncompromising respiratory protection against particles, gases and/or vapours combined while ensuring high wearing comfort with no breathing resistance. Benefit from versatile combination options with the X-plore 8000 filter portfolio, a wide range of headpieces, carrying systems and other system components.

D-3469-2023



## Dräger X-plore 8700

Potentially explosive work areas place special demands on personal protective equipment, such as respiratory protection. Thanks to its ATEX certification and dedicated safety functions, the X-plore 8700 blower filter system is the ideal companion for working in potentially explosive atmospheres. The system thus offers reliable protection against particles, vapours and gases combined with a high level of wearing comfort, even in Ex zones 1, 2, 21 and 22.

D-10165-2024



## Dräger X-plore 9x00 and PAS X-plore

The Dräger X-plore 9x00 series is designed for light-duty industrial applications and provides comfortable and reliable respiratory protection. Thanks to such features as the unique safe-flow reducer and auto-test function, wearers can enjoy more operating convenience, safety and flexibility.

## Related Products

D-3434-2023



### Dräger X-plore 8000 Face Shield

The Dräger X-plore 8000 face shield provides effective protection for the eyes and entire face. As an integral part of the X-plore 8000 series, it is compatible with X-plore 8000 powered air purifying respirators and the X-plore 9300 airline device.

D-12004-2024



### Dräger X-plore 8000 Hoods

The Dräger X-plore 8000 hoods are essential components for the X-plore 8000 powered air-purifying respirators for ambient air applications and are also compatible with the Dräger X-plore 9300 airline device for independent air supply applications. The hoods are available in various lengths and offer light and comfortable protection with the highest safety level for open headpieces.

D-15897-2024



### Dräger X-plore 8000 Head Pieces with Hood

The Dräger X-plore 8000 helmet/bump cap and hood combination provides reliable protection in heavily polluted or contaminated environments. The combination of head protection and hood is an integral part of our Dräger X-plore 8000 powered air-purifying respirator systems and our Dräger X-plore 9300 compressed air line device.

D-9134-2023\_D-9119-2023



### Dräger X-plore 8000 Welding Visors

Regardless of whether you are dependent on ambient air or working independently, the welding visors are an integral part of our X-plore 8000 powered air-purifying respirator system and X-plore 9300 compressed air line device.

# Related Products

D-119-2025



## Dräger X-plore 6300

The Dräger X-plore 6300 is the efficient yet low-cost full face mask intended for price-conscious users not wishing to compromise on comfort or quality. This full face mask is the successor to the Panorama Nova Standard, a mask which has proven itself over decades of use worldwide – redesigned and improved with fresh colours and an integrated barcode.

D-10708-2025



## Dräger X-plore 4700

The Dräger X-plore 4700 is the robust half mask which offers excellent comfort and outstanding leak tightness for demanding applications. Thanks to the wide range of filters available for protection against gases, vapours and particles, it is ideally suited for use in a variety of industries.

# Technical Data

Model	Dräger X-plore 8000 helmet PC visor L1Z / L2Z / L3Z	Dräger X-plore 8000 helmet PC visor L2T2 / L3T4	Dräger X-plore 8000 helmet PC visor HL1
Length – Helmet seal	Short (L1Z), medium (L2Z), long (L3Z)	medium (L2T2), long (L2T4)	short (HL1)
Material – Helmet seal	Zytec® FR	Tychem® 2000 / Tychem® 4000	Cotton / PA-coated
Material – Visor	PC	PC	PC
Material – Helmet	PA	PA	PC
Material – Visor frame	ABS	ABS	PC
Material – Comfort padding	Foam material (EVA) with Lycra	Foam material (EVA) with Lycra	Foam material, foamed PE
Material – Rigid foam shell	PS	PS	n/a
Visor size	260 x 170 mm	260 x 170 mm	210 x 192 mm
Temperature range (operation)	-5 °C to +50 °C	-5 °C to +50 °C	-10°C to +50°C
Head harness	Ratchet, adjustable (52 – 60.6 cm)	Ratchet, adjustable (52 – 60.6 cm)	Ratchet, adjustable (51– 64 cm)
Air inlet	Hose connector at the back	Hose connector at the back	Hose connector at the back
Air distribution	Overhead duct, adjustable vent	Overhead duct, adjustable vent	Overhead duct, adjustable vent
Air outlet	Permeable, width-adjustable textil	Permeable, width-adjustable textil	Adjustable air outlet
Colour	Grey (Helmet seal: grey)	Grey (Helmet seal: white)	Helmet shell: black Visor frame: grey
Weight	L1Z: 942 g L2Z: 1012 g L3Z: 1152 g	L2T2: 962 g L3T4: 997 g	890 g
Max. lifespan	8 years (5 years max. storage, 3 years max. usage)	8 years (5 years max. storage, 3 years max. usage)	8 years (5 years max. storage, 3 years max. usage)
Approval – Respiratory protection	With X-plore 8300/8500/8700: EN 12941  With X-plore 9300: EN 14594	With X-plore 8300/8500/8700: EN 12941  With X-plore 9300: EN 14594	With X-plore 8300/8500/8700: EN 12941  With X-plore 9300: EN 14594
Approval – Head protection	EN 397  ANSI Z89.1	EN 397  ANSI Z89.1	EN 397:2012+A1:2012  ANSI Z89.1
Approval – Eye protection	1 BT 9 3 – EN 166 ANSI Z87+  NIOSH  AS/NZS	1 BT 9 3 – EN 166 ANSI Z87+  NIOSH  AS/NZS	EN 166:2001 1 BT 3 9 ANSI Z87 +  NIOSH (except for X-plore 9300)  AS/NZS

# Technical Data

## Earmuffs\*

Damping value**	SNR: 33 dB H: 37 dB M:30 dB L: 23 dB
Material – Capsule (outer)	ABS
Material – Padding	Foam material (EVA)
Material – Mounting hook	Metal
Weight	220 g
Size	Universal size
Approval	EN 352-3, ANSI S3.19

\* for mounting on the helmet

\*\* SNR = Single Number Rating (the average damping of a hearing protector and thus the average protective effect against noise)

H = Damping value high frequencies

M = Damping value medium frequencies

L = Damping value low frequencies

# Ordering Information

<b>Helmets</b>		Dräger X-plore 8000 Helmet PC visor L1Z	3710775
		Dräger X-plore 8000 Helmet PC visor L2Z	3710780
		Dräger X-plore 8000 Helmet PC visor L3Z	3710785
		Dräger X-plore 8000 Helmet PC visor L2T2	3710790
		Dräger X-plore 8000 Helmet PC visor L3T4	3710795
		Dräger X-plore 8000 Helmet PC visor HL1	3729120
<b>Accessories</b>	<b>for helmets L1Z - L3T4</b>	Dräger X-plore 8000 Earmuffs	3710777
		Dräger X-plore 8000 Helmet seal L1Z	3710781
		Dräger X-plore 8000 Helmet seal L2Z	3710782
		Dräger X-plore 8000 Helmet seal L3Z	3710783
		Dräger X-plore 8000 Helmet seal L2T2	3710784
		Dräger X-plore 8000 Helmet seal L3T4	3710786
		Dräger X-plore 8000 PC visor for helmet	3710787
		Dräger X-plore 8000 Rigid foam shell	3710788
		Dräger X-plore 8000 Sweat pad for helmets	3710789
		Dräger X-plore 8000 Comfort padding	3710791
		Dräger X-plore 8000 Visor frame for helmet	3710793
		Dräger X-plore 8000 Sealing for helmet with visor	3710794
		Dräger X-plore 8000 Head harness for helmets	3710796
		Dräger X-plore 8000 Assembly clips for hearing protectors	3710797
		Dräger X-plore 8000 Visor foils helmet w/ visor	3710779
	<b>for helmet HL1</b>	Dräger X-plore 8000 Protective foil	3710806
		Dust cover for helmet HL1 short	3717370
		Dust cover for helmet HL1 long	3717375
		Dräger X-plore 8000 PC visor for face shield and helmet PC visor HL1	3710808
		Dräger X-plore 8000 Sweat pad for face shield and helmet PC visor HL1	3710809
Dräger X-plore 8000 Comfort padding for face shield and helmet PC visor HL1		3710811	
Comfort sweat pad HL1/Face Shield		3734450	
Dräger X-plore 8000 Visor frame for face shield and helmet PC visor HL1		3710812	
Dräger X-plore 8000 support ring for helmet HL1		3729121	
Dräger X-plore 8000 Head harness for helmet PC visor HL1		3729122	
	Dräger X-plore 8000 Chin strap for helmet PC visor HL1	3729123	
	X-plore 8500 heat protection set for helmet HL1	3717385	
<b>Powered air-purifying respirators</b>	Dräger X-plore 8000 Configurator	R59530	
	Dräger X-plore 8300 Universal Edition	3732600	
	Dräger X-plore 8500	R59500	
	Dräger X-plore 8700 (EX)	R59550	
<b>Airline unit</b>	Dräger X-plore 9300	3363587	

# Ordering Information

<b>Breathing hoses</b>		Dräger X-plore 8000 Standard hose	R59620
		Dräger X-plore 8000 Flexible hose	R59600
		Dräger X-plore 8000 Heavy Duty Hose	3717390
<b>Carrying systems</b>	<b>for X-plore 8300</b>	X-plore 8300 Standard belt	3732640
		X-plore 8300 Leather belt	3732642
		X-plore 8300 Decontaminable belt	3732641
		X-plore 8300 Standard backpack	3732645
	<b>for X-plore 8500 &amp; 8700</b>	Dräger X-plore 8000 Standard belt	R59700
		Dräger X-plore 8000 Comfort pad	R59730
		Dräger X-plore 8000 Decon belt	R59710
		Dräger X-plore 8000 Welding belt	R59720
		Dräger X-plore 8000 Shoulder carrying system	R59740
		Dräger X-plore 8000 Backpack carrying system	3717360
		Belt for X-plore 8000 Backpack carrying system	3717365

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