



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

Dräger X-plore® 8000 helmets provide effective mechanical head protection combined with maximum comfort. Regardless of whether you are dependent on ambient air or working independently, the helmets are an integral part of our Dräger X-plore® 8000 powered air-purifying respirator systems and Dräger X-plore® 9300 compressed air line 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

Adjustable air vent

For additional comfort

Flip-up visor

Without fixed visor frame

Quick-adjust system

Easily adjustable to any head size

Wide field of view

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

Secure fit

Reliable fixation of the helmet thanks to the adjustable chin strap



D-8612-2023-pl.indd

Dräger X-plore® 8000 Helmets

X-plore® 8000 Helmet PC visor L1Z - L3T4

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



D-24220-2020

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

The Dräger X-plore® 8000 system: Designed for full compatibility

The X-plore 8000 system from Dräger offers maximum respiratory protection without increased breathing resistance, even under tough conditions and over long periods of time. Depending on the system configuration, it can also offer protection for the head, face including eyes, and hearing.

The system consists of either an X-plore® 8500 or 8700 powered air-purifying respirator for applications dependent on the ambient air or the X-plore® 9300 compressed air line system for working with an independent air supply combined with headgear, such as X-plore® 8000 helmets, face shield, hoods or X-plore® masks.* The components can be easily combined for different use cases. No matter which product combination you choose, you can always rely on your equipment for maximum performance.

*(X-plore® 9300 cannot be used in combination with the Dräger X-plore® 8000 helmet PC visor HL1 or the X-plore® masks)

Dräger X-plore® 8000 helmets: Tough on the job

Robust and versatile, with a modern design: X-plore® 8000 helmets are made for use in the harsh environment of day-to-day industrial operations. They protect your head, face and eyes against mechanical impacts, and some models also protect against chemical exposure. Face seals are available in different lengths and materials, giving you a tailor-made helmet for any job.

Dräger X-plore® 8000 helmets: Easy and comfortable

The helmet and breathing unit are easily and intuitively connected by a hose. The helmets can be individually adjusted: First, you can adjust the head harness for the perfect fit in terms of size and height; second the direction of the breathing air outlet near the forehead can be adjusted to make it even more comfortable. In addition, the paddings on the forehead and head ensure maximum comfort.

For optimal vision on the job, all helmets are equipped with a panoramic visor which includes an anti-fog and anti-scratch coating. The X-plore® 8000 helmet PC visor L1Z can also be combined with hearing protection in all face seal versions.

Overview of versions

Dräger X-plore 8000 helmet PC visor L1Z – L3T4

The helmet can be combined with five different face seals (L1Z – L3T4). Choose from the following options for your individual needs:

- Material: Zytec® (Z) or Tychem® (T)
- Seal: short (L1 only for Zytec®), medium (L2) and long (L3)
- Protection class: TH3 or class 4A/3B to 3B, depending on the helmet seal

Dräger X-plore 8000 helmet PC visor HL1

The helmet PC visor HL1 without fixed visor frame has the following features:

- Material: cotton / PA-coated
- Seal: short (HL1)
- Protection class: TH3

Details



D-24205-2020

Dräger X-plore® 8000 helmet PC visor L1Z



D-24220-2020

Dräger X-plore® 8000 helmet PC visor L2Z



D-24409-2020

Dräger X-plore® 8000 helmet PC visor L3Z



D-24260-2020

Dräger X-plore® 8000 helmet PC visor L2T2



D-24232-2020

Dräger X-plore® 8000 helmet PC visor L3T4



D-8612-2023

Dräger X-plore® 8000 helmet PC visor HLI

System Components



D-3447-2023

Dräger X-plore® 8000

Challenging workplace conditions demand reliable solutions. The Dräger X-plore® 8000 powered air-purifying respirator 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.

System Components

D-12260-2014



Dräger X-plore® 9000 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 effectively protects your face and helps you to breathe safely. Giving you increased respiratory protection, it is an integral part of the Dräger X-plore® 8000 powered air-purifying respirator systems and Dräger X-plore® 9300 compressed air line system.

D-25013-2020



Dräger X-plore® 8000 Hoods

Dräger X-plore® 8000 hoods are an integral part of our Dräger X-plore® 8000 powered air-purifying respirator systems for work requiring the use of ambient air, and our Dräger X-plore® 9300 compressed air line system for working with an independent air supply. They provide lightweight, comfortable respiratory protection combined with the highest protection category for loose-fitting headpieces.

Related Products

D-37182-2021



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

Dräger X-plore® 8000 Welding Visors offer reliable protection for the eyes and face. As an integral part of our Dräger X-plore® 8000 powered air-purifying respirator system, they ensure safe breathing during welding work.

ST-7497-2005



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-31814-2011



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. storage	5 years	5 years	5 years
Max. usage	3 years	3 years	2 years
Approval – Respiratory protection	With X-plore® 8500/8700: EN 12941 – class TH3 With X-plore® 9300: EN 14594 – class 3B (L1Z; L3Z); 4A (L2Z)	With X-plore® 8500/8700: EN 12941 – class TH3 With X-plore® 9300: EN 14594 – class 4A	With X-plore® 8500/8700: EN 12941 – class TH3
Approval – Head protection	EN 397 (-30 °C LD MM 440V a.c.) ANSI Z89.1 (type 1 class G)	EN 397 (-30 °C LD MM 440V a.c.) ANSI Z89.1 (type 1 class G)	EN 397:2012+A1:2012
Approval – Eye protection	1 BT 9 3 – EN 166 ANSI Z87+	1 BT 9 3 – EN 166 ANSI Z87+	EN 166:2001 1 BT 3 9

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

Dräger X-plore® 8000 Helmets

Dräger X-plore® 8000 Helmet PC visor L1Z	37 10 775
Dräger X-plore® 8000 Helmet PC visor L2Z	37 10 780
Dräger X-plore® 8000 Helmet PC visor L3Z	37 10 785
Dräger X-plore® 8000 Helmet PC visor L2T2	37 10 790
Dräger X-plore® 8000 Helmet PC visor L3T4	37 10 795
Dräger X-plore® 8000 Helmet PC visor HL1	37 29 120

Accessories for Dräger X-plore® 8000 Helmet PC visor L1Z – L3T4

Dräger X-plore® 8000 Earmuffs	37 10 777
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Dräger X-plore® 8000 Helmet PC visor HL1

Dräger X-plore® 8000 Protective foil	37 10 806
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Accessories for Dräger X-plore® 8000 Helmet PC visor L2Z – L3T4

Dräger X-plore® 8000 Helmet seal L1Z	37 10 781
Dräger X-plore® 8000 Helmet seal L2Z	37 10 782
Dräger X-plore® 8000 Helmet seal L3Z	37 10 783
Dräger X-plore® 8000 Helmet seal L2T2	37 10 784
Dräger X-plore® 8000 Helmet seal L3T4	37 10 786
Dräger X-plore® 8000 PC visor for helmet	37 10 787
Dräger X-plore® 8000 Rigid foam shell	37 10 788
Dräger X-plore® 8000 Sweat pad for helmets	37 10 789
Dräger X-plore® 8000 Comfort padding	37 10 791
Dräger X-plore® 8000 Visor frame for helmet	37 10 793
Dräger X-plore® 8000 Sealing for helmet with visor	37 10 794
Dräger X-plore® 8000 Head harness for helmets	37 10 796
Dräger X-plore® 8000 Assembly clips for hearing protectors	37 10 797

Dräger X-plore® 8000 Helmet PC visor HL1

Dräger X-plore® 8000 PC visor for face shield and helmet PC visor HL1	37 10 808
Dräger X-plore® 8000 Sweat pad for face shield and helmet PC visor HL1	37 10 809
Dräger X-plore® 8000 Comfort padding for face shield and helmet PC visor HL1	37 10 811
Dräger X-plore® 8000 Visor frame for face shield and helmet PC visor HL1	37 10 812

Ordering Information

Dräger X-plore® 8000 support ring for helmet HL1	37 29 121
Dräger X-plore® 8000 Head harness for helmet PC visor HL1	37 29 122
Dräger X-plore® 8000 Chin strap for helmet PC visor HL1	37 29 123
Dräger X-plore® 8000 Helmet seal for helmet PC visor HL1	37 29 124

Dräger X-plore® 8000 Powered air purifying respirators

Dräger X-plore® 8000 Configurator	R59530
Dräger X-plore® 8500	R59500
Dräger X-plore® 8700 (EX)	R59550

Dräger X-plore® 9000 Airline unit

Dräger X-plore® 9300	33 63 587
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Dräger X-plore® 8000 Breathing hoses

Dräger X-plore® 8000 Standard hose	R59620
Dräger X-plore® 8000 Flexible hose	R59600

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Corporate Headquarters
Drägerwerk AG & Co. KGaA
Moislinger Allee 53-55
23558 Lübeck
www.draeger.com

Region Europe
Dräger Safety AG & Co. KGaA
Revalstraße 1
23560 Lübeck
☎ +49 451 882 0
☎ +49 451 882-2080
✉ info@draeger.com

Region Asia Pacific
Draeger Singapore Pte. Ltd.
61 Science Park Road
The Galen #04-01
Singapore 117525
☎ +65 6872 9288
☎ +65 6259 0398
✉ asia.pacific@draeger.com

Region North America
Draeger, Inc.
3135 Quarry Road
Telford, PA 18969
☎ +1 800 4DRAGER
(+1 800 437 2437)
☎ +1 215 723 5935
✉ info.usa@draeger.com

Region Middle East, Africa
Dräger Safety AG & Co. KGaA
Branch Office
P.O. Box 505108
Dubai, United Arab Emirates
☎ +971 4 4294 600
☎ +971 4 4294 699
✉ contactuae@draeger.com

Region Central and South America
Dräger Indústria e Comércio Ltda.
Al. Pucurui - 51 - Tamboré
06460-100 - Barueri - São Paulo
☎ +55 (11) 4689-4900
✉ relacionamento@draeger.com



Locate your Regional Sales
Representative at:
www.draeger.com/contact