

EU Type Examination Certificate

This is to certify that:

Dräger Safety AG & Co. KGaA
Revalstraße 1
Lübeck
Schleswig-Holstein
23560
Germany

Holds Certificate Number:

CE 759292

In respect of:

**Dräger PAPR systems to EN 12941:1998+A2:2008 -Respiratory protective devices. Powered filtering devices incorporating a helmet or hood
Model(s) X-plore 8500 unit (IP) & Dräger X-plore 8700 unit (EX)**

on the basis that BSI carried out the relevant Type Examination procedures under the requirements with the Regulation (EU) 2016/425 of the European Parliament and Council relating to Personal Protective Equipment Regulation (PPE) Annex V (Module B) and meets the relevant health and safety requirements specified in Annex II

For and on behalf of BSI, a Notified Body for the above Regulation (Notified Body Number 2797):

Drs. Dave Hagenaaars, Managing Director

First Issued: 2021-10-15

Latest Issue: 2021-10-15

Effective Date: 2021-10-15

Expiry Date: 2026-10-15

Page: 1 of 9



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EU Type Examination Certificate

No. CE 759292

Product specification

Product Name: X-plore-8000

Model(s): (R59500) Dräger X-plore 8500 unit (IP)
(R59550) Dräger X-plore 8700 unit (EX)

Product Type: The powered air purifying respirator is a respiratory protective device depending on circulating air. It filters the ambient air and makes it available as breathable air. The device continuously takes in ambient air through the respiratory filter.
Depending on the employed filter type, the device protects against particles, gases and vapours or combinations hereof.
Only powered air purifying respirator X-plore 8700 is intended for use in explosion-hazard areas.
The powered air-purifying respirator may be composed of different components depending on its field of application and the required protection class.

Loose fitting head-tops: (3710775) Dräger X-plore 8000 Helmet with PC visor, flip-up, with chin seal (L1) made of Zytac® FR (Z)
(3710785) Dräger X-plore 8000 helmet with PC visor, flip-up, with shoulder seal (L3) made of Zytac® FR (Z)
(3710795) Dräger X-plore 8000 Helmet with PC visor, flip-up, with shoulder seal (L3) made of Dupont™ Tychem® 4000 (T4)
(3710810) X-plore 8000 Face shield

Technical specification: EN 12941:1998+A2:2008 – Respiratory protective devices - Powered filtering devices incorporating a helmet or hood.

Accessories

Blower unit: (6739725) Splashguard lid
(R59880) Unit cover
(Unit cover) Flow measurement tube
(R59563) Plug (hose connection opening)
(R59564) Plug (blower inlet opening)

Carrying system: (R59700) Standard belt
(R59730) Comfort pad
(R59710) Decon belt
(R59720) Welding belt
(R59740) shoulder carrying system, all belts
(R59750) Standard belt, 35 cm
(R59760) Decon belt, 35 cm

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Expiry Date: 2026-10-15

Page: 2 of 9

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EU Type Examination Certificate

No. CE 759292

Battery Durations:

Battery Type
Standard / High (IP)
Standard / High (EX)

M MDF
170l/min
170l/min

Duration
4 hrs / 8 hrs
4 hrs / 8 hrs

Approved Filters

		BLOWER		FILTERS							
		(R59500) Dräger X-plore 8500 unit (IP) & (R59550) Dräger X-plore 8700 unit (EX) (6739535) Dräger X-plore 8000 Filter P R SL	(6739580) Dräger X-plore 8000 Filter A2	(6739585) Dräger X-plore 8000 Filter K2	(6739545) Dräger X-plore 8000 Filter A2 P R SL	(6739550) Dräger X-plore 8000 Filter A1B1E1 P R SL	(6739555) Dräger X-plore 8000 Filter A1B1E1K1 Hg P R SL	(6739730) Dräger X-plore 8000 Prefilter	(6739605) Dräger X-plore 8000 Odour Filter	Number of filters	
HEAD-TOPS	STANDARD										
(3710775) Dräger X-plore 8000 Helmet with PC visor, flip-up chin seal (L21) made of Zytac® FR (Z)	EN12941:1998 +A2:2008	TH1	x	x	x	x	x	x	x	x	1
(3710785) Dräger X-plore 8000 helmet with PC visor, flip-up, with shoulder seal (L3) made of Zytac® FR (Z)		TH3	x	x	x	x	x	x	x	x	1
(3710795) Dräger X-plore 8000 Helmet with PC visor, flip-up, with shoulder seal		TH3	x	x	x	x	x	x	x	x	1
3710810) X-plore 8000 Face shield		TH3	x	x	x	x	x	x	x	x	1

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Page: 3 of 9

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EU Type Examination Certificate

No. CE 759292

Product specification (continued)

Approved Hoses

		Blower	Hoses			
		(R59500) Dräger X-plore 8500 unit (IP) & (R59550) Dräger X-plore 8700 unit (EX)	(R59620) Dräger X-plore 8000 Standard hose (for Hoods)	(R59600) Dräger X-plore 8000 Flexible hose (for Hoods)	(R59670) Dräger X-plore 8000 Hose Cover, disposable	(R59660) Dräger X-plore 8000 Hose cover, spark proof
HEAD-TOPS	STANDARD					
(3710775) Dräger X-plore 8000 Helmet with PC visor, flip-up chin seal (L21) made of Zytac® FR (Z)	EN12941:1998 +A2:2008	TH1	X	X	X	X
(3710785) Dräger X-plore 8000 helmet with PC visor, flip-up, with shoulder seal (L3) made of Zytac® FR (Z)		TH3	X	X	X	X
(3710795) Dräger X-plore 8000 Helmet with PC visor, flip-up, with shoulder seal		TH3	X	X	X	X
(3710810) X-plore 8000 Face shield		TH3	X	X	X	X

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Page: 4 of 9

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Product specification (continued)

Associated head-tops

Product Name: (3710775) Dräger X-plore 8000 Helmet with PC visor, flip-up, with chin seal (L1) made of Zytac® FR (Z)

Product type: Dräger X-plore 8000 Helmet with visor consists of safety helmet with a visor and chin seal.
The safety helmet absorbs the energy of an impact through the partial destruction or damaging of the helmets shell.
The visor protects the face against solid and liquid particles
The X-plore 8000 Helmet with PC visor and chin seal is designed to operate at a flow rate between 170 -220 l/min liters per minute and compatible for use with Dräger PAPR systems

Size: Helmet shell: One Size (adjustable)
Chin seal (L1): Fixed Length 1

Technical specification: EN 12941:1998+A2:2008 – Respiratory protective devices - Powered filtering devices incorporating a helmet or hood.

Accessories: (3710777) Dräger X-plore 8000 Earmuffs (pair)
(3710779) Dräger X-plore 8000 Peel-off visor covers suitable for use with helmet with visor
(R55354) Tyvek protective hood

Non-respiratory protective characteristics of the Dräger X-plore 8000 Helmet with PC visor

Product Type: Helmet with Visor

Technical Specification: EN166:2002

Classification: 1, BT, 9, 3

Technical Specification: EN397:2012+A1:2012

Classification: LD -30 c + 150c MM 440V a.c

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Page: 5 of 9

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Product Specifications (continued)

Associated head-tops

Product Name: (3710785) Dräger X-plore 8000 helmet with PC visor, flip-up, with shoulder seal (L3) made of Zytac® FR (Z)

Product Type: Dräger X-plore 8000 Helmet with visor consists of safety helmet with a visor and shoulder seal.
The safety helmet absorbs the energy of an impact through the partial destruction or damaging of the helmets shell.
The visor protects the face against solid and liquid particles
The X-plore 8000 helmet with PC visor and shoulder seal is designed to operate at a flow rate between 107- 220 L/min (liters per minute) and compatible for use with Dräger PAPR systems

Size: Helmet shell: One Size (adjustable)
Shoulder seal (L3): Fixed Length 3

Technical specification: EN 12941:1998+A2:2008 – Respiratory protective devices - Powered filtering devices incorporating a helmet or hood.

Accessories: (3710777) Dräger X-plore 8000 Earmuffs (pair)
(3710779) Dräger X-plore 8000 Peel-off visor covers suitable for use with helmet with visor
(R55354) Tyvek protective hood

Non-respiratory protective characteristics of the Dräger X-plore 8000 helmet with PC visor

Product Type: Helmet with Visor

Technical Specification: EN166:2002

Classification: 1, BT, 9, 3

Technical Specification: EN397:2012+A1:2012

Classification: LD -30 c + 150c MM 440V a.c

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Page: 6 of 9

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EU Type Examination Certificate

No. CE 759292

Product Specifications (continued)

Associated head-tops

Product Name: (3710795) Dräger X-plore 8000 Helmet with PC visor, flip-up, with shoulder seal (L3) made of Dupont™ Tychem® 4000 (T4)

Product Type: Dräger X-plore 8000 Helmet with visor consists of safety helmet with a visor and shoulder seal.
The safety helmet absorbs the energy of an impact through the partial destruction or damaging of the helmets shell.
The visor protects the face against solid and liquid particles
The X-plore 8000 helmets with flip-up visor and shoulder seal is designed to operate at a flow rate between 107-220 L/min (liters per minute) and compatible for use with Dräger PAPR systems

Size: Helmet shell: One Size (adjustable)
Shoulder seal (L3): Fixed Length 3

Technical specification: EN 12941:1998+A2:2008 – Respiratory protective devices - Powered filtering devices incorporating a helmet or hood.

Accessories: (3710777) Dräger X-plore 8000 Earmuffs (pair)
(3710779) Dräger X-plore 8000 Peel-off visor covers suitable for use with helmet with visor
(R55354) Tyvek protective hood

Non-respiratory protective characteristics of the Dräger X-plore 8000 helmets with flip-up visor

Product Type: Helmet with Visor

Technical Specification: EN166:2002

Classification: 1, BT, 9, 3

Technical Specification: EN397:2012+A1:2012

Classification: LD -30 c + 150c MM 440V a.c

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Page: 7 of 9

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Product Specifications (continued)

Associated Head tops

Product Name: (3710810) X-plore 8000 Face shield

Product Type: The face shield is connected to a breathing air supply via a hose. The air from the breathing air supply is blown through the air circulation system to the user's face.
The face shield protects the wearer from, ambient air containing contaminants, solid and liquid particles and impacts.
The X-plore 8000 face shield is designed to operate at a flow rate between 107-220 L/min (liters per minute) and compatible for use with Dräger PAPR systems

Size: One Size (Adjustable)

Technical specification: EN 12941:1998+A2:2008 – Respiratory protective devices - Powered filtering devices incorporating a helmet or hood.

Accessories: N/A

Non-respiratory protective characteristics of the Dräger X-plore 8000 face shield.

Product Type: Visor

Technical Specification: EN166:2002

Classification: 1, BT, 9, 3

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Page: 8 of 9

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Certificate Amendment Record and BSI internal Review relating to this Certificate

Technical File Reference: 11125824 - Dräger X-plore 8000

Issue date	Comments	BSI Review No.
October 2021	First issue under Personal Protective Equipment Regulations (Regulation (EU) 2016/425) Module B certification only, Module D held with DEKRA CE ZQS/A100/20	2797:21:3555382

Certificate validity

The Certificate holder is responsible for ensuring that the Notified Body is advised of changes to any aspect of the overall process utilised in the manufacture of the product, failure to do so could invalidate the Certificate in respect of product manufactured following the introduction of such changes.

The Conformity to Type Based on Quality Assurance of the Production Process, Annex VIII (Module D), for the product are referenced in DEKRA Module D Certificate CE ZQS/A100/20

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Page: 9 of 9

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