



Technical Datasheet

Dräger X-plore 8000

Helmet PC Visor

1. General Data

1.1	Manufacturer	Dräger Safety AG & Co. KGaA Revalstraße 1, D – 23 560 Luebeck, Germany
1.2	Designation	Dräger X-plore 8000 Helmet PC visor
1.3	Dräger part no.	
	3710775	Dräger X-plore 8000 Helmet PC visor L1Z
	3710780	Dräger X-plore 8000 Helmet PC visor L2Z
	3710785	Dräger X-plore 8000 Helmet PC visor L3Z
	3710790	Dräger X-plore 8000 Helmet PC visor L2T2
	3710795	Dräger X-plore 8000 Helmet PC visor L3T4
1.4	GTIN / EAN	
	3710775	04048675667766
	3710780	04048675666653
	3710785	04048675666660
	3710790	04048675666677
	3710795	04048675666684
1.5	Intended use	The Dräger X-plore® 8000 Helmet PC visor L1Z, L2Z, L3Z, L2T2, L3T4 serves as a breathing connection for use with the Dräger X-plore® 8000 powered air purifying respirator system and the Dräger X-plore® 9300 air-line system.
1.6	Functional description	The Dräger X-plore 8000 Helmet PC visor L1Z, L2Z, L3Z, L2T2, L3T4 provides breathing air supplied via the respirator. Breathing air is supplied by a breathing hose on the back of the helmet with visor. The breathing air flows from the back over the head of the wearer to the inhalation area. The resulting overpressure counteracts the penetration of air containing pollutants.
1.7.	Approvals	Approved in combination with Dräger X-plore 8000 (see technical data sheet Dräger X-plore 8500 and Dräger X-plore 8700) Approved in combination with Dräger X-plore 9300 (see technical data sheet Dräger X-plore X-plore 9300) AS/NZS 1716:2012
	Respiratory protection	EN 12941 L1Z TH1; L2Z – L3T4 TH3
	Eye protection	EN 166 1 BT 9 3 and ANSI/ISEA Z87.1 +
	Head protection	EN 397 LD -30 °C MM 440 V a.c. and ANSI/ISEA Z89.1 Typ 1, Class G
	Protection classes according to EN 14594	L1Z – 2B; L2Z – 4A/3B; L3Z – 3B; L2T2 – 4A/3B; L3T4 – 4A/3B

1.8.	Use due to electrostatic properties	Combination without protective foil		combination with protective foil	
		Explosive area (Zone)	Explosion group	Explosive area (Zone)	Explosion group
		Zone 20, 21, 22	IIIA, IIIB, IIIC	Zone 20, 21, 22	IIIA, IIIB, IIIC
		Zone 0	IIA, IIB	Zone 0	IIA
		Zone 1, 2	IIA, IIB	Zone 1, 2	IIA

2. Technical Data

2.1	Materials	
	Helmet shell	PA (Polyamide)
	Headband:	PE (Polyethylene)
	Sweatband	Foam
	Comfort pad	EVA (Ethylene vinyl acetate)
	Visor frame	ABS (Acrylonitrile butadiene styrene)
	Visor	PC (Polycarbonate)
	Hard foam shell	PS (Polystyrene) foam
	Helmet seal	L1Z to L3Z – Zyttec; L2T2 – Tychem 2000; L3T4 – Tychem 4000
	Cuff	Cotton
2.2	Size	26 x 17 cm
2.3	Head circumference	52 to 60,6 cm
2.4	Weight	L1Z – 942 g; L2Z – 1012 g; L3Z – 1152 g; L2T2 – 962 g; L3T4 – 997 g
2.5	Colour	Grey and helmet seal: Zyttec-Series: grey, Tychem-Series: white
2.6	Working temperature	-5 °C to 50 °C
2.7	Storage temperature	-10 °C to 45 °C
2.8	Working- / sotrage air humidity	< 90 % relative humidity
2.9	Durability	5 years

3. Documentation

3.1	Labelling	The label contains the following information: - Approval markings - CE-mark - UKCA-mark - Symbol "Follow the instructions for use", "Storage conditions" - Manufacturer - Country of production ("Made in USA") - Date of manufacture - Part number - Batch number
3.2	Instructions for use	Each packaging unit contain instructions for use in the following languages: English, German, French, Spanish, Italian, Dutch, Danish, Polish The instructions for use for the following languages are available online: Bulgarian, Chinese, Estonian, Finnish, Greek, Japanese, Korean, Croatian, Hungarian, Latvian, Lithuanian, Norwegian, Portuguese, Romanian, Russian, Swedish, Slovak, Slovenian, Serbian, Thai, Czech, Turkish

4. Other

4.1. User instructions and restrictions	The product meets the minimum requirements according to the standard according to the specified class and type (see labeling). It should be noted that laboratory test values may differ significantly from those achieved in practice. This may lead to longer or shorter durability. The user must read and understand all package leaflets. In addition, knowledge of all relevant application rules is absolutely necessary (especially the usage restrictions for filter devices). Further information are available upon request.
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