

Technical Data Sheet

Dräger X-plore® 8000

Welding visor

1.0 General Data		
1.1 Manufacturer	Dräger Safety AG & Co. KGaA	
1.2 Designation	Dräger X-plore 8000 Welding visor, ADF 5-13	
1.3 Dräger part number	R59940	
1.4 GTIN-Code	04026056018802	
1.5 Intended use	Dräger X-plore® Welding visor serves as both face piece and eye and face protector. The welding protection visor protects its wearer from sparks and splashes as well as from harmful light rays that occur during welding.	
1.6 Functional description	The Dräger X-plore® 8000 Welding visor, ADF provides breathing air supplied via the respiratory protective device. Breathing air is supplied through a breathing hose at the back of the protective visor. The breathing air flows through the air duct from the back of the wearer's head to the inhalation area. The resulting overpressure prevents polluted ambient air from penetrating. The automatic welding protection filter protects the eyes from light from an arc such as occurs in welding applications. A photocell registers the brightness and automatically darkens the welding protection filter from protection level 4 to protection level 5 to 9 respectively 9 to 13 (adjustable).	
1.7 Relevant Standards/ Approvals	EN 175:1997; CSS 175 B (Visor) EN 166 B (external protective screen in front of the ADF) EN 379:2003+A1:2009 4 / 5-9 / 9-13 CSS 1/2/1/1/379 (ADF) ANSI ISEA Z87.1-2010; CSS Z87+ (Visor) ANSI ISEA Z87.1-2010 (external protective screen in front of the ADF) ANSI ISEA Z87.1-2010 CSS Z87 W4 / W5-W13 (ADF) CSA Z94.3-07 (ADF) Approved in combination with Dräger X-plore 8000 (please see technical data sheet Dräger X-plore 8500 and Dräger X-plore 8700) Approved in combination with Dräger X-plore 7300 (please see technical data sheet Dräger X-plore 7300)	
2.0 Technical Data		
2.1 Material	Hood with face cuff	Proban® (registered trademark of Rhodia S.A.)
	Sweatband	PU, cotton
	ADF	Laminated glass
	Welding helmet	PA66
	Head harness	HDPE
	Air channel bracket	Triacetate
	Air channel	HDPE
	Visor	PA
	External and internal protective screen	PC
	2.2 Dimensions	ADF
Visual range		97 mm x 47 mm
External protective screen		97 mm x 118 mm
2.3 Darkening stages	Adjustable from the outside	
	Welding mode	5 to 13
	Grinding mode	4
2.4 Adjusting range for ADF delay	Time from dark to light: 0.1 s to 0.9 s Switching time at 23 °C: 0.08 ms	
2.5 Head harness	adjustable from 500 to 620 mm	
2.6 Weight (approx.)	Total (incl. ADF)	780 g
	ADF sole	115 g
	ADF with switch	155 g
2.7 Colour	black	
2.8 Batteries	2 button cells type CR2450	
2.9 Air inlet	Hose connector at the back	
2.10 Air distribution	Air duct over the head	
2.11 Air outlet	dispersed	
2.12 Operating / storage temperature	-10 °C to +55 °C	
2.13 Operating / storage humidity	≤ 90 % relative humidity	

3.0 Documentation	
3.1 Marking	Tag includes the following information: - WEEE-Symbol - CE-marking ("CE 0158") - Manufacturer ("Dräger Safety AG & Co. KGaA") - Symbol "Follow instructions for use" - Date of Manufacture - Approval marking ("EN 12941 - TH2") - product designation ("X-plore 8000 Welding visor, ADF") - Part number ("R59940")
3.2 Instructions for use	Each packaging unit contains an IFU in the following languages: English, German, French, Spanish, Portuguese, Italian, Dutch, Danish, Finnish, Norwegian, Swedish, Polish, Russian, Croatian, Hungarian, Slovenian, Slovakian, Czech, Bulgarian, Romanian, Turkish, Chinese
4.0 User notes and limitations	
	The devices conform to the minimum requirements of the standard indicated by the class and type of the filter it is marked with. It must be noted that laboratory values can differ from those measured in practice. This may result in longer or shorter breakthrough times. The user must read and understand the instructions for use. Additionally, the knowledge of all relevant application rules is mandatory (see in particular, the restrictions on the use of filtering devices). Further information upon request.