

# 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	
GTIN-Code	04026056018802	
1.4 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.	
1.5 Functional description	The Dräger X-plore® 8000 Welding visor, ADF makes the breathing air available that is fed through the respiratory protective device. The breathing air is supplied through a breathing hose on the back of the hood. The breathing air flows over the back of the user's head to the front. The resulting overpressure prevents polluted ambient air from penetrating. The automatic welding filters protects the eyes from light from an arc as it arises in welding applications. A photocell detects the brightness and darkens the welding filters automatically from protection level 4 to protection level 5 to 9 respectively 9 to 13 (adjustable).	
1.6 Relevant Standards/ Approvals	EN 175 B (Visor)	
	EN 379 (ADF)	
	In combination with Dräger X-plore 8000 approved according to EN 12941: 2009, Protection level TH2	
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
	Headharness	HDPE
	Air channel bracket	Triacetate
	Air channel	HDPE
	Visor	PA
	External and internal protective screen	PC
2.2 Dimensions	ADF	90 mm x 110 mm x 8,5mm
	Visual range	97 mm x 47 mm
	External protective screen	97 mm x 118 mm
2.3 Darkening stages	adjustable from the outside	
	weld mode	5 to 13
	grind 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 Color	black	
2.8 Battery	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 Markings	<p>The Tag includes the following information:</p> <ul style="list-style-type: none"> <li>- WEEE-Symbol</li> <li>- CE-marking ("CE 0158")</li> <li>- Manufacturer ("Dräger Safety AG &amp; Co. KGaA")</li> <li>- Symbol "Follow instructions for use"</li> <li>- Year of Manufacture</li> <li>- Approval marking ("EN 12941")</li> <li>- Part number ("R59940")</li> </ul>
3.2 Instructions for use	<p>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</p>
<b>4.0 User notes and limitations</b>	
	<p>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 significantly 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 limitations in use). Further information upon request.</p>