

A totally different welding experience.

optrel crystal 2.0

Technical data

Description	Fully automatic welder's helmet with very bright and clear vision, both before and during welding (light level 2.0 in combination with Crystal Lens Technology).			Dimensional stability	Welding mask:	up to 220 °C
					Front cover lens:	up to 130 °C
Protection levels	inactive	Access level 2.0		Eye protection	Ultraviolet/infrared protection: Maximum protection over the entire protection level range	
	active, manual:	Protection levels 4-12		Operating temperature	-10°C to + 70°C/ 14°F to 158°F	
Autopilot	Automatic protection level regulation over the protection level range 4<12M with individual calibration option of ±2.			Storage temperature	-20°C to + 80°C/ -4°F to 176°F	
Voltage supply	Solar cells, 2 lithium button cells (CR2032)			Gross weight	497 g/17.0 oz	
Sensor system	Three sensors			Areas of application	All electrical welding processes: Electrode welding (Stick Welding, SMAW) / MIG/MAG (Metal Shielded Arc Welding, GMAW) / GMAW High Performance Welding / Filler Wire Welding / TIG Welding (TIG, GTAW) / Plasma Welding / Plasma Cutting / Gas Welding / Grinding in Grinding Mode Not suitable for laser welding!	
Sensitivity	Continuously adjustable, new with "Super High" sensitivity			Scope of supply	Welder's helmet, operating instructions, storage bag, batteries, warranty card and front cover lens	
Switching time	Light to dark: 0.100 ms at room temperature 0.070 ms at 55°C Dark to light: 0.1 s to 2.0 s (including lighting control function)			Standards	CE, ANSI, EAC, fulfils CSA	
Classification	Optical class:	1		Warranty	2 years	
EN379	Scattered light class:	1			Additional 1 year warranty extension for product registration within the first 6 months on	
	Homogeneity class:	1			http://register.optrel.com	
	Angle dependence class of light transmittance:	2				

Your optrel retailer:



optrel AG
industriestrasse 2
CH-9630 wattwil
switzerland
www.optrel.com
info@optrel.com

industrial.optrel.com

