



## TECHNICAL DATA

Description	Fully automatic welding helmet (no manual adjustment necessary) with true color view, ADF with shade level range 4/5-13 with autopilot.		Sensors	3 sensors, variable detection angle with movable sensor slider
Shade levels	inactive:	Shade level 4	Field of view	50 x 100 mm / 1.97 x 3.94"
	active:	Shade level 5-13	Shape stability	Welding mask: up to 220 °C / 428 °F Front cover lens: up to 137 °C / 279 °F
Autopilot	ADF with shade level range 4/5-13 with autopilot (automatic shade level adjustment), +/- 2 individual manual offset		Eye protection	Ultraviolet / Infrared Protection: maximum protection at any shade level
Manual mode	Continuous external adjustment in two shade level ranges 5-9 and 9-13		Operating temperature	-10°C to + 70°C / 14°F to 158°F
Sensitivity	Continuously adjustable, new with "Super High" sensitivity		Storage temperature	-20°C to + 80°C / -4°F to 176°F
Grind mode	External adjustment, shade level 4		Weight	500g / 17.6 oz
Twilight function	Patented twilight adjustment, adjustable from 0.1 to 2.0 seconds.		Application ranges	Any electric arc welding process Electrode Welding (Stick Welding, SMAW) / MIG / MAG (GMAW) / GMAW High melting rate process / Flux Cored Wire Welding / TIG welding (GTAW) / Plasma Arc Welding / Plasmacutting & Oxy-gas Welding <i>Prohibited for laser welding!</i>
Switching time	light to dark: 0.170 ms at room temperature 0.110 ms at 55 °C / 137 °F dark to light: 0.1 s - 2.0 s (with twilight function)		Scope of delivery	Welding helmet, instruction manual, storage bag, batteries, warranty card and one front cover lens
Classification	Optical class:	1	Standards	CE, ANSI, EAC, AS/NZS, complies with CSA Z94.3
	Scattered light:	1	Warranty	2 years (except batteries) 1 year warranty extension for online product registration within the first 6 months. <a href="http://register.optrel.com">http://register.optrel.com</a>
	Homogeneity:	1		
	Angular dependence:	1		
Power supply	Solar cells, 2 pcs batteries 3V exchangeable (CR2032)			
Operating time batteries	Approx. 3,000 hours (operating)			