



TECHNICAL DATA

Description	Fully automatic welding helmet (no manual adjustment necessary) with flip-up function for a clear view. True-color view, ADF with shade level range 4/5-14M with autopilot (automatic shade level adjustment), +/- 2 individual manual offset, sensitivity adjustment, and opening delay with or without twilight function.	Classification EN379	Optical class: 1 Diffusion of light class: 1 Variations in luminous transmittance class: 1 Angle dependence of luminous transmittance class: 2
Shade levels	Open / clear view: shade level 1 Closed / inactive: shade level 4 Closed / active: shade levels 5-14	Shape stability	Welding mask: up to 220°C / 428°F Front cover lens: up to 137°C / 279°F
Autopilot	Automatic shade level adjustment for shade level range 5 to 14 with individual calibration option of ± 2.	Eye protection	Ultraviolet / Infrared Protection: maximum protection at any shade level
Power supply	Photovoltaic cell, 2 pcs batteries 3V exchangeable (CR2032)	Operating temperature	-10°C to +70°C / 14°F to 158°F
Operating time batteries	Approx. 3,000 hours (operating)	Storage temperature	-20°C to +80°C / -4°F to 176°F
Sensors	3 sensors	Weight	Standard helmet: 530 g / 18.7 oz PAPR helmet: 730 g / 25.8 oz
Sensitivity	Infinite adjustment, new with "Super High" range	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: 0.100 ms at room temperature 0.100 ms at 55°C / 131°F Dark to light: 0.3 s or 1.5 s (with twilight function)	Scope of delivery	Welding helmet, instruction manual, storage bag, batteries, warranty card
Field of view	Flip-up open: 82 x 102 mm Flip-up closed: 50 x 100 mm	Standards	CE, ANSI Z87.1, EAC, complies with CSA Z94.3
		Warranty	2 years (except batteries) 1 year warranty extension for online product registration within the first 6 month. http://register.optrel.com