

Technical Data

Article N °	1006.900	crystal2.0 – silver		
	1006.660	crystal2.0 - silver with white industrial helmet		
	4441.900	crystal2.0 - silver PAPR		
	4441.910	crystal2.0 - silver PAPR with white industrial helmet		
Product description	Welding helmet with automatic glare protection cassette Protection level selection from 4 to 12 adjustable by means of a rotary knob outside, infinitely adjustable sensitivity and grinding mode activation outside, battery compartment in the satellite. Adjustable headband position, angle of inclination and headband size.			
Cassette size	90 x 110 x 9.5 mm / 3.54 x 4.33 x 0.37 " 50 x 100 mm / 1,96 x 3,94" (Sichtfeld)			
Power supply	solar cell, 2 lithium button cells (CR2032)			
Battery life	approx. 2500 h (operating time)			
Sensory	three, above the eyes			
Sensitivity control	Stepless sensitivity adjustment with "Super High" sensitivity range			
Light transmission	Ultraviolet / Infrared Protection	maximum in the entire protection level range		
	Visible area activates	protection level 4 - 12		
	Visible area not activated	Protection level 2		
Switching times	light to dark	100 µs (0.10 ms)	at room temperature	
		70 µs (0.07 ms)	at 55 ° C / 131 ° F	
	Dark to light	0.1 - 2 s		
Classification				
EN 379	optical class	=	1	
	Stray light	=	1	
	Homogeneity	=	1	
	Viewing angle dependency	=	2	
EN166	cover plate	=	B	
EN175	Helmet shell	=	B	
Dimensional stability	welding mask up to 220 ° C / 428 ° F Front panel up to 130 ° C / 266 ° F			
Protection for cassette	Non-reflective cover lens and inner protective screen			
Material mask	PA6.6			
Color mask / design	silver with application			
Operating temperature	-10 ° C to + 70 ° C / + 14 ° F to + 158 ° F			
Storage temperature	-20 ° C to + 70 ° C / -4 ° F to + 158 ° F			
Weight	460 g / 17,461 oz			
Areas of application	All electrical welding processes Electrode welding (Stick Welding, SMAW) / MIG / MAG (metal shielding gas welding, GMAW) / GMAW high-performance welding / cored wire welding / TIG welding (TIG, GTAW) / plasma welding / micro plasma welding / plasma cutting Not suitable for laser welding!			
Packaging	Cardboard in crystal 2.0 design			
Scope of delivery	Welding helmet, operating instructions, cleaning instructions for ADF and cleaning cloth			
Standards	CE, ANSI, EAC, erfüllt CSA Z94.3			
Warranty	from date of purchase: 2 years for manufacturing and material defects (battery excluded)			
Garantieverlängerung	1 year additional (battery excluded) for online product registration within the first 6 months (from date of purchase) on optrel.com/register .			