

ready

Get ready to start with optrel

 **optrel**[®]
swiss made 



Automatically better welding

GET READY TO START WITH OPTREL

THE PERFECT ENTRY INTO THE WORLD OF OPTREL

Delivering Swiss innovation and technology — at a very competitive cost-conscious price point — the optrel ready automatic welding helmet is the perfect solution for students, Do-It-Yourselfers, and everyday welders. With its adjustable shade level 4 (9-13) and customizable sensitivity adjustment, the optrel ready offers optimal protection for most welding applications. With its IR and UV protection (even in inactive state) and its sturdy yet lightweight helmet shell design, the ready comfortably and safely protects the eyes and head of the welder.

Get ready to start... with the ready automatic welding helmet from optrel — Swiss innovation and technology from a name you can trust.

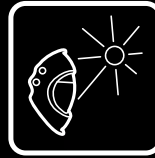


THE PERFECT DEAL FOR EFFICIENT PROTECTION



SHADE LEVEL 4 / 9-13

With a seamless shade level adjustment from DIN 9 to 13, the **optrel ready** is the perfect solution for all popular welding applications.



SENSITIVITY ADJUSTMENT

Continuously variable sensitivity control allows the sensor sensitivity to be adapted to the surroundings and workplace. This function can also be used if welding at low amperages and the ADF is not therefore darkening.



LIGHTWEIGHT

Weighing only 495g, the **optrel ready** is one of the lightest automatic welding helmets available. Its ergonomic design minimizes strain on the head and neck, ensuring comfort throughout the work day.



COMFORT HEAD BAND

The optrel comfort headband guarantees an optimum weight distribution for any head shape. The outcome of this is a minimum strain on the neck and shoulders of the helmet wearer as well as a lasting increase of the welder's efficiency. Also the headband has a telescopic mechanism so that the helmet can be individually adjusted to ensure an optimum field of vision.

Helmet system

Item no.



ready welding helmet
black

1007.200

Spare parts and accessories

Item no.

1	Helmet shell ready black	5001.665
2	Inside cover lens (5 pcs.)	5000.001
3	ADF cartridge ready	5012.760
4	Front cover lens (5 pcs.)	5000.250
5	Adjustable headband (including sweatband and comfortband)	5003.250
6	Cotton sweatband (2 pcs.)	5004.073
7	Comfortband (2 pcs.)	5004.020
8	Head & neck protector, leather	4028.016
9	Chest protector, leather	4028.015



TECHNICAL DATA

Description	ADF cartridge with shade levels from 9 to 13 continuously adjustable with knob; continuously adjustable sensitivity		Shape stability	Welding mask: up to 220°C / 428°F Front cover lens: up to 137°C / 266°F
Shade levels	inactive:	Shade level 4	Eye protection	Ultraviolet / Infrared Protection: maximum protection at any shade level
	active:	Shade level 9-13	Operating temperature	-10°C to + 70°C / 14°F to 158°F
Power supply	Solar cells, 2 pcs batteries 3V exchangeable (CR2032)		Storage temperature	-20°C to + 70°C / -4°F to 176°F
Operating time batteries	Approx. 3,000 hours (operating)		Weight	495 g / 17.4 oz
Sensors	3 sensors		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 <i>Prohibited for laser welding!</i>
Sensitivity	Continuously adjustable		Scope of delivery	Welding helmet, instruction manual, batteries
Switching time	light to dark: 0.150 ms at room temperature 0.100 ms at 55°C dark to light: 0.1 s		Standards	CE (EN 379, EN 175, EN 166); ANSI Z87.1; AS/NZS 1337.1/1338.1; complies with CSA Z94.3
Classification EN379	Optical class:	1	Warranty	2 years (except batteries)
	Scattered light:	1		
	Homogeneity:	1		
	Angular dependence:	2		
Field of view	50 x 100 mm 90 x 110 x 9.5 mm (cartridge size)			

Your optrel retailer:



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