

sphere · Welding helmets

crystal2.0

auto-darkening welding helmet

An auto-darkening helmet built on crystal lens technology: light state 2.0, true-to-life colours and ShadeTronic® across 4–12.

- Crystal lens technology (CLT): light state 2.0, realistic colours
- Shade range 4–12 with ShadeTronic®
- Optical class 1/1/1/2 to EN 379
- 3 sensors, sensor slider and “Super High” sensitivity range
- FadeTronic and grind mode
- 460 g; silver shell with heat-reflective paint, or black

Technical data

Classification EN379	1-1-1-2: Optical class = 1, Scattered light = 1, Homogeneity = 1, Angular dependence = 2
Colour of knobs	grey
Colour of welding helmet	silver / black
Power supply	Solar cells, 2 x replaceable 3 V button cell batteries (CR2032)
Protection level (not activated)	2.0
Protection levels (manual)	4–12
Sensitivity adjustment	continuously, with “Super High” sensitivity range
Sensoric	3 sensors
Weight	460 g / 17.461 oz

What's in the box

- Welding helmet
- IsoFit® Headgear (optional)
- Operating instructions
- Cleaning instructions for ADF
- Cleaning cloth

Technologies

- crystal lens technology (CLT)
- FadeTronic
- Multi-Sensor-Detection
- ShadeTronic®

Variants and article numbers

Art. no.	Name	EAN
1006.900	crystal2.0 — auto-darkening welding helmet, silver	7640127617120
1006.901	crystal2.0 — auto-darkening welding helmet, black	7640429870261
1006.903	crystal2.0 — auto-darkening welding helmet, silver, with universal hard hat adapter	7640127618912

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Description, images, documents and online shop:
optrel.pl/en/products/crystal2-0/

Technical data according to optrel AG. Images for illustration. As of: 20 October 2026. optrel® — trademark of optrel AG.