



sphere · Welding helmets

e684

auto-darkening welding helmet

A sphere-series auto-darkening helmet with top optical class 1/1/1/1 and ShadeTronic® that sets the shade from 5 to 13 for you.

- Optical class 1/1/1/1 to EN 379
- ShadeTronic®: automatic 5–13, manual 5–9 and 9–13
- Light state shade 4, plus FadeTronic and grind mode
- 3 sensors, sensor slider and “Super High” sensitivity range
- 500 g with comfort headband and eccentric mechanism
- Powered by solar cells and 2 CR2032 batteries

Technical data

Classification EN379	1-1-1-1: Optical class = 1, Scattered light = 1, Homogeneity = 1, Angular dependence = 1
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)	4.0
Protection levels (automatic)	5–13
Protection levels (manual)	9–13, 5–9
Sensitivity adjustment	continuously, with “Super High” sensitivity range
Sensoric	3 sensors
Weight	500 g / 17.6 oz

What's in the box

- Welding helmet
- Operating instructions
- Storage bag
- Micro USB charging cable
- Attachment disc
- Warranty card

Technologies

FadeTronic

Multi-Sensor-Detection

ShadeTronic®

Variants and article numbers

Art. no.	Name	EAN
1006.500	e684 — auto-darkening welding helmet, silver	7640429870421
1006.501	e684 — auto-darkening welding helmet, black	7640429870452
1006.502	e684 — auto-darkening welding helmet, dark blue	7640127616017
1006.503	e684 — auto-darkening welding helmet, silver, with universal hard hat adapter	7640127618875
1006.504	e684 — auto-darkening welding helmet, black, with universal hard hat adapter	7640127618882