


sphereX · Welding helmets with respiratory protection

sphereX pure air clt

auto-darkening PAPR welding helmet with air supply

The sphereX clt with air supply: crystal lens technology, light state 2.0, field of view over 30% larger; for e3000X or suppliedair.

- Crystal lens technology (CLT): light state 2.0, realistic colours
- Air duct and face seal — for e3000X or suppliedair
- Field of view over 30% larger
- ShadeTronic®: automatic 5–12, manual 4–8 and 8–12
- Optical class 1/1/1/2, 5 sensors, IsoFit® X, Position Locker
- 850 g (without safety helmet), FadeTronic, grind mode

Technical data

Classification EN379	1-1-1-2: Optical class = 1, Scattered light = 1, Homogeneity = 1, Angular dependence = 2
Colour of knobs	black
Colour of welding helmet	black
Power supply	Solar cells, 2 x replaceable 3 V button cell batteries (CR2032)
Protection level (not activated)	2.0
Protection levels (automatic)	5–12
Protection levels (manual)	8–12, 4–8
Sensitivity adjustment	continuously, with “Super High” sensitivity range
Sensoric	5 sensors
Weight	850 g / 29.27 oz (without industrial safety helmet)

What's in the box

- Welding helmet
- Instruction manual
- Storage bag
- Warranty card

Technologies

crystal lens technology (CLT)

FadeTronic

Multi-Sensor-Detection

Position Locker

ShadeTronic®

Variants and article numbers

Art. no.	Name	EAN
4441.905	sphereX pure air clt — PAPR welding helmet, black	7640429874634

SPIDWELD sp. z o.o. · ul. Równinna 24/2, 87-100 Toruń
+48 530 009 555 · bok@spidweld.pl · centrumspawalnice.pl

Description, images, documents and online shop:
optrel.pl/en/products/spherex-pure-air-clt/

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