


sphereX · Welding helmets with respiratory protection

sphereX pure air quattro

auto-darkening PAPR welding helmet with air supply

The sphereX quattro with air supply: field of view over 30% larger, angle class V1, ShadeTronic® 5–13; for e3000X or suppliedair.

- Air duct and face seal — for e3000X or suppliedair
- Field of view over 30% larger, viewing angle class V1
- ShadeTronic®: automatic 5–13, manual 5–9 and 9–13; light state 3
- 5 sensors, stepless sensitivity with “Super High” range
- IsoFit® X headgear and Position Locker (2 positions)
- 850 g (without safety helmet), FadeTronic, grind mode

Technical data

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)	3.0
Protection levels (automatic)	5–13
Protection levels (manual)	9–13, 5–9
Sensitivity adjustment	continuously, with “Super High” sensitivity range
Sensoric	5 sensors
Weight	850 g / 29.27 oz (without industrial safety helmet)
viewing angle dependence	V1

What's in the box

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

Technologies

FadeTronic

Multi-Sensor-Detection

Position Locker

ShadeTronic®

Variants and article numbers

Art. no.	Name	EAN
4441.605	sphereX pure air quattro — PAPR welding helmet, black	7640429874603

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

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