


**panoramaxx · Welding helmets with respiratory protection**

# panoramaxx pure air clt

## auto-darkening PAPR welding helmet

PAPR welding helmet for e3000/X or supplied air with a crystal lens technology filter: light state 2.0, true colour view, ShadeTronic® 4–12.

- Air connection for an e3000/X blower unit or supplied air system
- Crystal lens technology: light state 2.0 and true colour view
- ShadeTronic® 4–12, manual 7–12, 5 sensors
- Panorama-XXL field of view, 6.3 times larger than a 100 × 50 mm filter
- 770–780 g, protection against particles at up to 120 m/s
- Two shell colours: black or silver

### Technical data

|                                  |                                                                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Classification EN379             | 1-1-1-2: Optical class = 1, Scattered light = 1, Homogeneity = 1, Angular dependence = 2                                             |
| Colour of knobs                  | green / black                                                                                                                        |
| Colour of welding helmet         | black / silver                                                                                                                       |
| Power supply                     | 280mAh Li-Polymer-battery with battery management system (rechargeable over Micro USB,; battery life: 300 up to 500 charging cycles) |
| Protection level (not activated) | 2.0                                                                                                                                  |
| Protection levels (automatic)    | 4–12                                                                                                                                 |
| Protection levels (manual)       | 7–12                                                                                                                                 |
| Sensitivity adjustment           | continuously, with "Super High" sensitivity range                                                                                    |
| Sensoric                         | 5 sensors                                                                                                                            |
| Weight                           | 770 g / 27.2 oz / 780 g / 27.5 oz                                                                                                    |

### What's in the box

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

### Technologies

- crystal lens technology (CLT) **FadeTronic**
- Multi-Sensor-Detection**
- Panorama-XXL field of view** **ShadeTronic®**

### Variants and article numbers

| Art. no. | Name                                                  | EAN           |
|----------|-------------------------------------------------------|---------------|
| 4441.780 | panoramaxx pure air clt — PAPR welding helmet, black  | 7640127619612 |
| 4441.781 | panoramaxx pure air clt — PAPR welding helmet, silver | 7640127619766 |

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Description, images, documents and online shop:  
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Technical data according to optrel AG. Images for illustration. As of: 20 October 2026. optrel® — trademark of optrel AG.