

Product comparison



| | PANORAMAXX 2.5 | PANORAMAXX QUATTRO | PANORAMAXX CLT |
|--|---|---|---|
| Extended panoramic field of vision | X | X | X |
| ShadeTronic® (fully automatic protection level adjustment with individual calibration option of ± 2) | X | X | X |
| Suitable for welding overhead and in a constrained position | X | X | X |
| Ampere range | Up to 280 A Protection levels 5-12 | Up to 350 A Protection levels 4-13 | Up to 280 A Protection levels 4-12 |
| Light level | 2.5 | 3.0 | 2.0 |
| Twilight mode | X | X | X |
| EN 379 classification | 1/1/1/2 | 1/1/1/1 | 1/1/1/2 |
| Power supply | Solar cells, Li-polymer battery, can be charged via micro-USB cable, battery life 300 to 500 charging cycles | | |
| Sensor system | Five sensors | Five sensors | Five sensors |
| Sensitivity | Continuously adjustable, new with "Super High" sensitivity | | |
| Switching time | Light to dark: 0.090 ms at 20°C 0.070 ms at 55°C Dark to light: 0.1 s to 2.0 s (with FadeTronic) | Light to dark: 0.090 ms at 20°C 0.070 ms at 55°C Dark to light: 0.1 s to 2.0 s (with FadeTronic) | Light to dark: 0.090 ms at 20°C 0.070 ms at 55°C Dark to light: 0.1 s to 2.0 s (with FadeTronic) |
| Dimensional stability | Welding mask: up to 220 °C, viewing pane: up to 137°C | | |
| Eye protection | Ultraviolet/infrared protection: Maximum protection over the entire protection level range | | |
| Operating temperature | -10°C to + 55°C/ 14°F to 131°F | | |
| Storage temperature | -20°C to + 70°C/ -4°F to 158°F | | |
| Gross weight | 575g (20.3 oz) / PAPR 745g (26.3 oz) | 575g (20.3 oz) / PAPR 745g (26.3 oz) | silver 610g (21.5 oz) / PAPR 780g (27.5 oz) black 600g (21.2 oz) PAPR 770g (27.2 oz) |
| Areas of application | All electrical welding processes: Electrode welding (Stick Welding, SMAW) / MIG/MAG (Metal Shielded Arc Welding, GMAW) / GMAW High Performance Welding / Filler Wire Welding / TIG Welding (TIG, GTAW) / Plasma Welding / Plasma Cutting / Gas Welding / Grinding in Grinding Mode / <i>Not suitable for gas and laser welding!</i> | | |
| Scope of supply | Welding helmet, operating instructions, storage bag, micro-USB charging cable, viewing pane, warranty card | | |
| Standards | CE, ANSI, EAC, AS/NZS, compliant with CSA Z94.3, additionally with PAPR version EN 12941 (TH3) and supplied air version EN 14594 (3B) Compliant with pr ISO 16321 standard „WIG+“ („low amp Tig“) | | |
| Warranty | 2 years, Additional 1-year warranty extension (battery excluded) for product registration within the first 6 months at register.optrel.com | | |

Products

| Welding helmets and accessories | Art. no. | Welding helmets and accessories | Art. no. |
|--|----------|--|----------|
|  optrel panoramaxx2.5 welding helmet (SN 2.5/5-12 ShadeTronic®) – black | 1010.000 |  optrel panoramaxx clt welding helmet (SN 2/4-12 ShadeTronic®) – black | 1010.200 |
|  optrel panoramaxx2.5 fresh air helmet (SN 2.5/5-12 ShadeTronic®) – black | 4441.660 |  optrel panoramaxx clt welding helmet (SN 2/4-12 ShadeTronic®) – silver | 1010.201 |
|  optrel panoramaxx quattro welding helmet (SN 3/4-13 ShadeTronic®) – black | 1010.100 |  optrel panoramaxx clt fresh air helmet (SN 2/4-12 ShadeTronic®) – black | 4441.780 |
|  optrel panoramaxx quattro fresh air helmet (SN 3/4-13 ShadeTronic®) – black | 4441.760 |  optrel panoramaxx clt fresh air helmet (SN 2/4-12 ShadeTronic®) – silver | 4441.781 |
|  optrel e3000X blower respiratory protection system with 18h Power battery and bag | 4553.000 |  optrel backpack for helmets | 8000.100 |



| Spare parts and accessories | Item no. |
|---|----------|
| 1 Viewing pane (5x) | 5000.270 |
| 2 Nose protection pads (2x) | 5003.600 |
| 3 Inside cover pane (5x) | 5000.010 |
| 2 Nose protection pads (2x) | 5003.600 |
| 4 IsoFit® headgear, black, black buttons | 5003.290 |
| IsoFit® headgear, black, green buttons | 5003.291 |
| IsoFit® headgear, black, grey buttons | 5003.292 |
| 5 Replacement pads for Tricot pad suitable for optrel IsoFit® headgear (5x, each consisting of 4 parts) | 5004.290 |
| 6a Head and neck protection, leather | 4028.016 |
| 6b Head and neck protection fresh air helmet, leather | 4028.031 |
| 7 Chest protection, leather | 4028.015 |