

Product comparison

	PANORAMAXX 2.5	PANORAMAXX QUATTRO	PANORAMAXX CLT
Extended panoramic field of vision	✓	✓	✓
ShadeTronic® (fully automatic protection level adjustment with individual calibration option of ± 2)	✓	✓	✓
Suitable for welding overhead and in a constrained position	✓	✓	✓
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
FadeTronic	✓	✓	✓
EN 379 classification	1/1/1/2	1/1/1/1	1/1/1/2
Grinding mode	✓	✓	✓
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 and tack mode		
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		
Resistance against energy impact, helmet shell	B (Impact at medium energy, resistance to a ball with a diameter of 6 mm, 0.86 g, 120 m/s)		
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 suppliedair 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	Item no.	Welding helmets and accessories	Item 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 panoramaxx2.5 RTW Ready-to-Weld Package, incl. e3000X PAPR system, panoramaxx2.5 fresh air helmet black and e3000/X bag	4550.550	 optrel panoramaxx clt fresh air helmet (SN 2/4-12 ShadeTronic®) – black	4441.780
 optrel panoramaxx quattro welding helmet (SN 3/4-13 ShadeTronic®) – black	1010.100	 optrel panoramaxx clt fresh air helmet (SN 2/4-12 ShadeTronic®) – silver	4441.781
 optrel panoramaxx quattro fresh air helmet (SN 3/4-13 ShadeTronic®) – black	4441.760	 optrel panoramaxx clt RTW Ready-to-Weld Package, incl. e3000X PAPR system, panoramaxx clt fresh air helmet black and e3000/X bag	4550.580
 optrel panoramaxx quattro RTW Ready-to-Weld Package, incl. e3000X PAPR system, panoramaxx quattro fresh air helmet black and e3000/X bag	4550.560	 optrel panoramaxx clt RTW Ready-to-Weld Package, incl. e3000X PAPR system, panoramaxx clt fresh air helmet silver and e3000/X bag	4550.590
 optrel hardhat EN 397 industrial safety helmet, available in black, white, red, orange and yellow	5011.130 5011.131 5011.132 5011.133 5011.134	 optrel hardhat adapter Usable with all optrel helmets	5011.180
 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	Front cover lens external (set of 5)	5000.270
2	Nose protection pads (set of 2)	5003.600
3	Inside cover lens (set of 5)	5000.010
3a	Magnifying lens +1.00	5000.150
	Magnifying lens +1.50	5000.161
	Magnifying lens +2.00	5000.152
	Magnifying lens +2.50	5000.153
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