

## Technical data

<b>Article N°</b>	<b>1010.300</b>	
<b>Product description</b>	panoramaxx L - black: Passive laser helmet with color filter for laser protection, protection level 2 with IsoFit® headgear.	
<b>Headgear</b>	optrel IsoFit® headgear with Position Locker	
<b>ADF size</b>	90 x 110 x 9.5 mm / 3,54 x 4,33 x 0,37" 50 x 100 mm / 1,96 x 3,94" (field of view)	
<b>Light transmission</b>	Visible range	Protection level 2



The laser helmet panoramaxx L consists of the following components::

Component	Protection group	Marking
Laser filter panoramaxx L	Eye- protection	2 OS 1 S 1000-1086 D LB7 IR LB8 OS 1000-1086 OD7 C5 PS3 ISO 19818-1 OS CE
Laser protection frame	Eye- protection	1000-1100 D LB7 IR LB8 OS 1000-1100 OD7 C5 PS3 ISO 19818-1 OS CE
Welding shell (Polyamide)	Face- and head- protection	OS 175 B 500g 1000-1100 D LB4 IR LB8 OS B 1000-1100 OD5 C2 PS3 ISO 19818-1 OS E CE
Cover plate (Polycarbonate)	Safety plate	OS B CE

<b>Shape stability</b>	Helmet shell up to 220°C / 428°F Front cover lens up to 137°C / 278°F
<b>ADF protection</b>	Front cover lens and inside cover lens
<b>Mask material</b>	PA6.6
<b>Color mask / design</b>	black
<b>Operating temperature</b>	-10°C up to +55°C / +14°F up to +131°F
<b>Storage temperature</b>	-20°C up to +70°C / -4°F up to +158°F
<b>Weight</b>	605 g / 21.3 oz
<b>Areas of application</b>	Laser cutting, laser cleaning, control work with a welding robot <b>Not recommended</b> for laser welding <b>Laser range 1000 - 1086 nm</b>
<b>Scope of delivery</b>	Laser helmet, operating instructions, storage bag
<b>Standards</b>	CE, UKCA, complies to ANSI Z87.1, AS/NZS 1337.1, AS/NZS 1338.1, CSA Z94.3
<b>Warranty</b>	2 years from date of purchase for manufacturing and material defects