laservision

laser safety spectacle F42P1L16

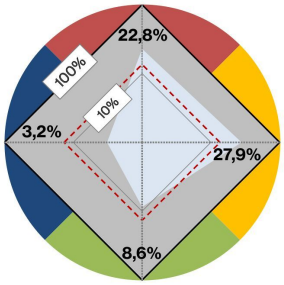
Articlenumber: F42P1L161001
GTIN: 4050369050099
Unit: 1 Stück
Weight incl. packaging 0,24 kg
Weight excl. packaging: 0,05 kg

Highlights

- Alignment-/Full Protection with LB levels acc. to EN 207 and EN 208
- Especially suitable for high power lasers in the UV, blue and green area up to 535nm
- for lasers at 694nm and IR-lasers at 808-1080nm. Adjustment lasers at 640-655nm
- Broad band filter for different medical applications
- Good colour view and high VLT
- F18, F22, **F42 and F46** OTG with flexible and foldable temples

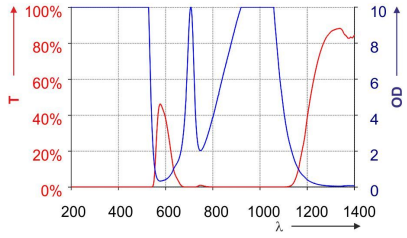
The laser safety spectacle F42.P1L16.1001 with disinfectable folding brackets, the new quick release system and cold-mallaeble temple tips is especially suitable for different applications with high power lasers in the UV, blue and green area up to 535nm, within the red visable range at 694nm, as well as for NIR-lasers from 808-1080nm. This laser safety goggle F42P1L16 can also beu sed for alignment appilcations at a range from 640-655nm, certified acc. EN 208). Due to the rectangular shape with flat geometry and almost straight side parts, the glasses continue to fit over most current prescription glasses. The eyewear comes in a sustainably produced hexagonal cardboard box, along with a microfiber pouch and a cord to hang the goggles on. For cleaning the laser safety goggles, laservision recommends the professional cleaning station (A99.CLSTA.1300).

Color view



Transmission der Signalfarben nach DIN EN 172 //
transmission of signal colours acc. to EN 172

Filtercurve



Transmissions- und OD-Kurve //
transmission and OD curve

COATING:	no coating
FILTER:	P1L16
FILTER COLOUR:	Orange
FILTER MATERIAL:	Plastic
FILTER TECHNOLOGY:	Absorption filter
FILTER THICKNESS:	ca. 2mm
FRAME:	F42
FRAME TYPE:	OTG with temples
PROPERTIES:	Quick Release, Lightweight, kaltverformbare Bügelenden, desinfizierbar
PROTECTION CLASS / NORM:	EN 207 full protection, EN 208 Alignment protection
PROTECTION RANGE:	near infrared, visible, ultraviolett
VLT (APPROX.):	15%
VISUAL BRIGHTNESS:	Low

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COLOUR RECOGNITION: Limited

WAVELENGTH	OD	OPERATING MODE / TESTED PROTECTION LEVEL
180 - 315	(OD10+)	D LB10 + IR LB4 + M LB6Y
>315 - 532	(OD8+)	D LB6 + IR LB8 + M LB8Y
>532 - 535	(OD6+)	DIRM LB6
640 - 655	–	0,01W 2x10E-6J RB1
690 - <694	(OD6+)	DIRM LB6
694 - 715	(OD8+)	D LB6 + IM LB7 + R LB8
808 - <890	(OD4+)	DIRM LB4
890 - 1064	(OD8+)	D LB6 + IR LB8 + M LB8Y
>1064 - 1075	(OD7+)	D LB6 + IRM LB7
>1075 - 1080	(OD6+)	DIRM LB6

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