

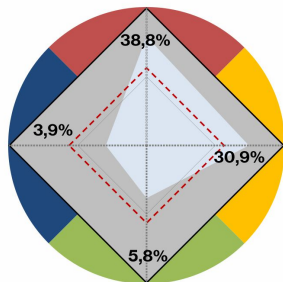
laservision

laser safety spectacle R01T1P07



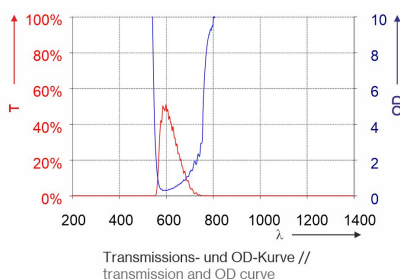
Articlenumber: R01T1P071001
GTIN: 4050369059283
Unit: 1 Stück
Weight incl. packaging 0,48 kg
Weight excl. packaging: 0,17 kg

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

Highlights

- Protection levels certified according EN 207
- M-protection ratings for short pulsed lasers up to 25000nm
- Applications: Nd:YAG-, disk-, fiber- and diode lasers
- As well as for SHG, FHG, THG, CO₂ and USP-lasers
- 2 different frame styles available: [R01](#) and [R14](#)
- Very broad protective effect

The laser safety eyewear R01.T1P07.1001 provides an extremely broadband laser protection within the UV, VIS, NIR and IR spectral range (from 180-540nm and from 730-25000nm). It is certified with M protection levels and is therefore suitable for picosecond and femtosecond lasers. It was designed for use on powerful, frequency-multiplied Nd:YAG, disk, fiber and diode lasers as well for SHG, FHG, THG, CO₂ und USP-Lasers. The small, reinforced spectacle with adjustable temples and orange filters are characterized by its low weight and its has a daylight transmission (VLT) of 15%. Additionally it can be combined with an RX-insert. laservision also offers an [Inhouse glazing service](#) to avoid you from the way to an optician. The R01 comes with a metal box, which can also be used for storage and with a cord to hang the glasses around one's neck.

COATING:	Interference Coating (PVD)
CUSHION:	No cushion
FILTER:	T1P07
FILTER COLOUR:	Orange
FILTER MATERIAL:	Coated glass
FILTER TECHNOLOGY:	Absorption filter, Reflection filter
FILTER THICKNESS:	ca. 8-9mm
FRAME:	R01
FRAME TYPE:	Spectacle with Rx insert option
PROPERTIES:	M-protection rating
PROTECTION CLASS / NORM:	EN 207 full protection
PROTECTION RANGE:	near infrared, Infrared, Coated filter, visible, ultraviolet
VLT (APPROX.):	15%
VISUAL BRIGHTNESS:	Limited

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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	(OD10+)	D LB7 + IR LB8 + M LB9
532 - 540	(OD10+)	D LB8 + IR LB9 + M LB10
730 - <760	(OD1+)	DIRM LB1
760 - <780	(OD2+)	DIRM LB2
780 - <808	(OD7+)	DIRM LB7
808 - 860	(OD8+)	DIRM LB8
>860 - 1025	(OD8+)	D LB7 + IRM LB8
>1025 - 1100	(OD10+)	D LB8 + IR LB9 + M LB10
>1100 - 1400	(OD10+)	D LB7 + IR LB8 + M LB9
>1400 - 3500	(OD5+)	D LB5 + IM LB5Y + R LB3Y
>3500 - 25000	(OD10+)	D LB5 + I LB5Y + R LB3Y + M LB6Y