laservision

laser safety spectacle R01T1P05

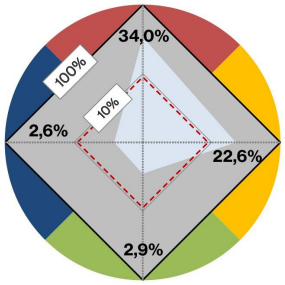
Highlights

- Protection levels certified according EN 207
- M-protection ratings for short pulsed lasers up to 3000nm
- D LB8 + M LB9 @ 1064nm, D LB7+ M LB9 @ 532nm
- 2 different frame styles available: R01 and R14
- Applications: powerful, frequency multiplied Nd:YAG, disc-, fiber and diode lasers

Articlenumber: R01T1P051001
GTIN: 4050369030145
Unit: 1 Stück
Weight incl. packaging 0,54 kg
Weight excl. packaging: 0,15 kg

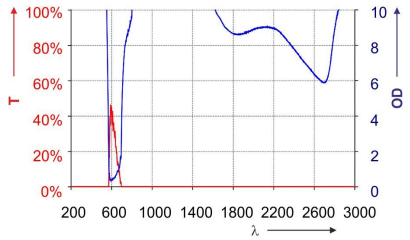
The laser safety eyewear R01.T1P05.1001 provides an extremely broadband laser protection within the UV, VIS, NIR and IR spectral range (180-532nm und 805-11.500nm). The full protection spectacle can be combined with an RX-insert. The small, reinforced spectacle with adjustable temples and brown filter's, is characterized for its light weight and a good field of view. The shipment includes a spectacle cord and metal box, which can also be used as its storage box.

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:	Interference Coating (PVD)
CUSHION:	No cushion
FILTER:	T1P05
FILTER COLOUR:	Orange
FILTER MATERIAL:	Coated glass
FILTER TECHNOLOGY:	Absorption filter, Reflection filter
FILTER THICKNESS:	ca. 10mm
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, ultraviolett
VLT (APPROX.):	15%
VISUAL BRIGHTNESS:	Limited
COLOUR RECOGNITION:	Limited

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WAVELENGTH	OD	OPERATING MODE / TESTED PROTECTION LEVEL
180 - 315	(OD10+)	D LB10 + IR LB5 + M LB6Y
>315 - 532	(OD9+)	D LB7 + IR LB8 + M LB9
532 - 535	(OD10+)	D LB8 + IR LB9 + M LB10
730 - <780	(OD1+)	DIRM LB1
780 - <808	(OD7+)	DIRM LB7
808 - 860	(OD8+)	DIRM LB8
>860 - <885	(OD5+)	DIRM LB5
885 - <900	(OD6+)	DIRM LB6
900 - <1025	(OD7+)	DIRM LB7
1025 - 1400	(OD10+)	D LB8 + IR LB9 + M LB10
>1400 - 3500	(OD5+)	D LB5 + IM LB5Y + R LB3Y
>3500 - 25000	(OD6+)	D LB5 + I LB5Y + R LB3Y + M LB6Y

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