laservision

laser safety spectacle R14T1P05A

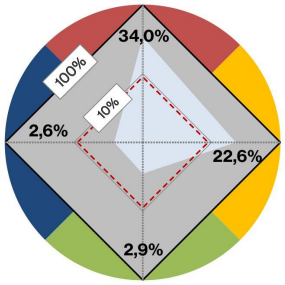
Highlights

- 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: R14T1P051004
GTIN: 4050369051935
Unit: 1 Stück
Weight incl. packaging 0,63 kg
Weight excl. packaging: 0,24 kg

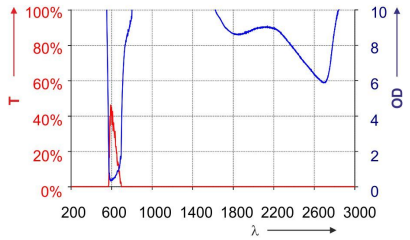
The laser safety eyewear R14.T1P05.1004 with an aired foam frame (A), provides an extremely broadband laser protection within the UV, VIS, NIR and IR spectral range (180-532nm und 805-11.500nm). The OTG goggle with brown filters can be worn over average large correction glasses. The changeable click frame with an aired foam (A14AIRED1000) makes the goggles particularly comfortable to wear and prevents fogging of the laser protection filters. A clear view is guaranteed even with a long wearing period. The shipment includes a metal box which can also be used as a storage box. The removable frame can optionally be bought in sets of 5.

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:	Aired foam (A)
FILTER:	T1P05
FILTER COLOUR:	Orange
FILTER CURVATURE:	Flat filter
FILTER MATERIAL:	Coated glass
FILTER TECHNOLOGY:	Absorption filter, Reflection filter
FILTER THICKNESS:	ca. 10mm
FRAME:	R14
FRAME TYPE:	Goggle with strap
PROPERTIES:	M-protection rating, Suitable for use with prescription glasses (OTG)
PROTECTION CLASS / NORM:	EN 207 full protection
PROTECTION RANGE:	near infrared, Infrared, Coated filter, visible, ultraviolett
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 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+)	DM LB5 + I LB5Y + R LB4
>3500 - 25000	(OD6+)	D LB5 + I LB5Y + R LB3Y + M LB6Y

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