laservision

laser safety spectacle R14T1P04A

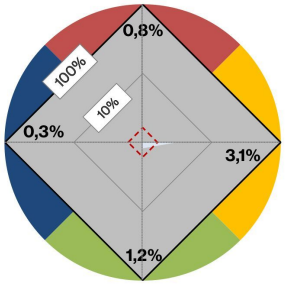
Highlights

- Protection levels certified according EN 207
- Applications: super-continuum-lasers, TiSa with SHG and OPOs
- M LB9 @ 1064nm, nd:YAG Laser; M LB9 @ 532nm
- 2 different frame styles available: R01 and R14
- Different wearing options

Articlenumber: R14T1P041004
GTIN: 4050369051928
Unit: 1 Stück
Weight incl. packaging 0,74 kg
Weight excl. packaging: 0,31 kg

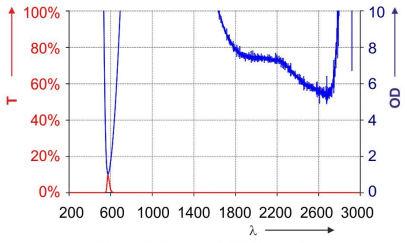
The laservision laser safety goggle R14.T1P04.1004 with an aired foam frame (A), provides an extreme broadband laser protection effect within the UV, VIS, NIR and IR spectral area (180-532nm and 620-11,500nm). The OTG goggle with brown filters can be worn over average large correction glasses. The changeable 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:	no coating
CUSHION:	Aired foam (A)
FILTER:	T1P04
FILTER COLOUR:	Brown
FILTER CURVATURE:	Flat filter
FILTER MATERIAL:	Mineral glass
FILTER TECHNOLOGY:	Absorption filter
FILTER THICKNESS:	ca. 11-12mm
FRAME:	R14
FRAME TYPE:	Goggle with strap
PROPERTIES:	Neutral glass lamination
PROTECTION CLASS / NORM:	EN 207 full protection
PROTECTION RANGE:	near infrared, Infrared, visible, ultraviolett
VLT (APPROX.):	4%
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 - 535	(OD9+)	DI LB7 + R LB8 + M LB9
620 - <680	(OD2+)	DIRM LB2
680 - <690	(OD7+)	D LB6 + IRM LB7
690 - <750	(OD8+)	D LB7 + IRM LB8
750 - 1400	(OD9+)	D LB7 + IM LB9 + R LB8
>1400 - <3000	(OD5+)	D LB5 + IM LB5Y + R LB4
3000 - 25000	(OD10+)	D LB5 + I LB5Y + M LB6Y