laservision

laser safety goggle R14P1P16A

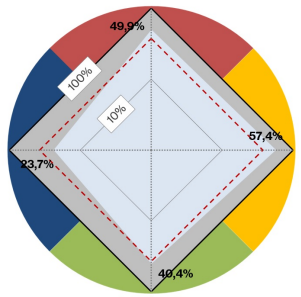
Articlenumber: R14P1P161004
GTIN: 4050369053571
Unit: 1 Stück
Weight incl. packaging 0,60 kg
Weight excl. packaging: 0,17 kg

Highlights

- protection levels are certifed acc. EN 207
- full protection within the UV, VIS, NIR and IR range
- suitable for diode laser at 808nm to 1064nm, for UV-laser and Nd:YAG
- disc and fiber laser as well as CO_2
- also available as laser safety window P1P16 (6mm)
- very good daylight transmission (app. 40%)
- good colour view

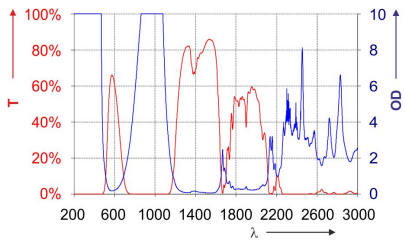
The laservision laser safety eyewear R14.P1P16.1004 with an aired foam frame (A) is a goggle with a gold-colored filter and it is particularly suitable for UV lasers and blue lasers up to 470 nm as well as IR lasers (diode, Nd: YAG, disk and fiber lasers) in the range 808 - 1100 and CO_2 lasers. The changeable click frame with an aired foam (A14AIRED1000) makes the goggles particularly comfortable to wear and prevents fogging of the laser protection filters. 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:	P1P16
FILTER COLOUR:	Gold
FILTER CURVATURE:	Flat filter
FILTER MATERIAL:	Plastic
FILTER TECHNOLOGY:	Absorption filter
FILTER THICKNESS:	ca. 6mm
FRAME:	R14
FRAME TYPE:	Goggle with strap
PROPERTIES:	Head support option, M-protection rating
PROTECTION CLASS / NORM:	EN 207 full protection
PROTECTION RANGE:	near infrared, Infrared, visible, ultraviolett
VLT (APPROX.):	40%
VISUAL BRIGHTNESS:	Very good
COLOUR RECOGNITION:	Good

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WAVELENGTH	OD	OPERATING MODE / TESTED PROTECTION LEVEL
180 - 315	(OD10+)	D LB10 + IR LB4 + M LB6Y
>315 - 464	(OD8+)	D LB7 + IR LB8 + M LB8Y
>464 - 467	(OD7+)	DIRM LB7
>467 - 470	(OD6+)	DIRM LB6
>470 - 472	(OD5+)	DIRM LB5
>472 - 474	(OD4+)	DIRM LB4
>474 - 478	(OD3+)	DIRM LB3
>478 - 484	(OD2+)	DIRM LB2
>484 - 500	(OD1+)	DIRM LB1
700 - <740	(OD1+)	DIRM LB1
740 - <765	(OD2+)	DIRM LB2
765 - <780	(OD3+)	DIRM LB3
780 - <792	(OD4+)	DIRM LB4
792 - <808	(OD5+)	DIRM LB5
808 - <825	(OD6+)	DIRM LB6
825 - <840	(OD7+)	DIRM LB7
840 - <860	(OD8+)	D LB7 + IR LB8 + M LB8Y
860 - <880	(OD9+)	D LB7 + IR LB8 + M LB8Y
880 - 1070	(OD10+)	D LB7 + IR LB8 + M LB8Y
>1070 - 1080	(OD9+)	D LB7 + IR LB8 + M LB8Y
>1080 - 1086	(OD8+)	D LB7 + IR LB8 + M LB8Y
>1086 - 1092	(OD7+)	DIRM LB7
>1092 - 1100	(OD6+)	DIRM LB6
>1100 - 1108	(OD5+)	DIRM LB5
>1108 - 1115	(OD4+)	DIRM LB4
>1115 - 1125	(OD3+)	DIRM LB3
>1125 - 1140	(OD2+)	DIRM LB2
>1140 - 1165	(OD1+)	DIRM LB1
3945 - <5180	(OD4+)	DI LB4 + R LB3Y
5180 - 25000	(OD7+)	D LB5 + I LB5Y + R LB3Y

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