

# laservision

## laser safety goggle R14P1P16F



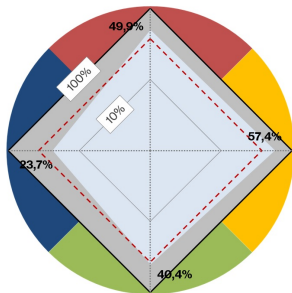
Articlenumber: R14P1P161002

GTIN: 4050369053557

Unit: 1 Stück

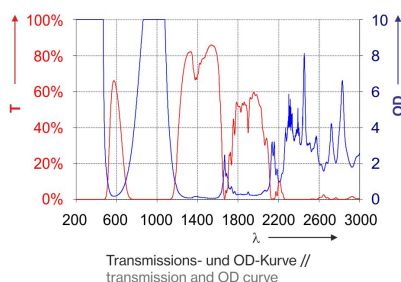
Weight incl. packaging 0,60 kg

### 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 are certified 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<sub>2</sub>
- also available as laser safety window P1P16 (6mm)
- very good daylight transmission (app. 47%)
- good colour view

The laservision laser safety eyewear R14.P1P16.1002 with foam frame (F) is a goggle with a gold-colored filter and 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<sub>2</sub> lasers. The changeable click frame with a foam frame ensures a very good wearing comfort. The shipment includes a metal box which can also be used as a storage box.

<b>COATING:</b>	no coating
<b>CUSHION:</b>	Soft foam (F)
<b>FILTER:</b>	P1P16
<b>FILTER COLOUR:</b>	Gold
<b>FILTER CURVATURE:</b>	Flat filter
<b>FILTER MATERIAL:</b>	Plastic
<b>FILTER TECHNOLOGY:</b>	Absorption filter
<b>FILTER THICKNESS:</b>	ca. 6mm
<b>FRAME:</b>	R14
<b>FRAME TYPE:</b>	Goggle with strap
<b>PROPERTIES:</b>	Head support option, M-protection rating
<b>PROTECTION CLASS / NORM:</b>	EN 207 full protection
<b>PROTECTION RANGE:</b>	near infrared, Infrared, visible, ultraviolet
<b>VLT (APPROX.):</b>	47%
<b>VISUAL BRIGHTNESS:</b>	Very good
<b>COLOUR RECOGNITION:</b>	Good

## laser safety goggle R14P1P16F

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