laservision

laser safety goggle R14P1P20L



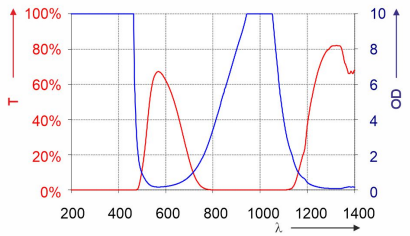
Article number: R14P1P201003
GTIN: 4050369053618
Unit: piece
Weight incl. packaging: 0,61 kg
Weight excl. packaging: 0,18 kg

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 P1P20 (6mm)
- very good daylight transmission (app. 52%)
- good colour view

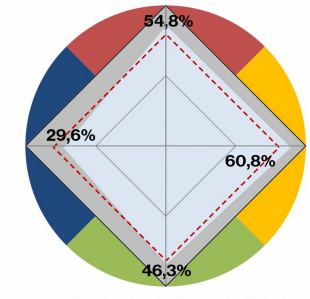
The laservision laser safety goggle R14.P1P20.1003 with lip seal (L) is a goggle with a gold-colored filter and and has a daylight transmission of approx. 52%. It is particularly suitable for UV lasers and blue lasers up to 466 nm as well as IR lasers (diode, Nd: YAG, disk and fiber lasers) in the range 880 - 1075 and CO_2 lasers. The changeable click frame with lip seal is preferably used by alternating users. The shipment includes a metal box which can also be used as a storage box.

Color view



Transmissions- und OD-Kurve //
transmission and OD curve

Filter curve



Transmission der Signalfarben nach DIN EN 172 //
transmission of signal colours acc. to EN 172

COATING:	no coating
FILTER CURVATURE:	Flat filter
PROTECTION CLASS / NORM:	EN 207 full protection
CUSHION:	Lip seal (L)
FRAME TYPE:	Goggle with strap
PROPERTIES:	Head support option M-protection rating
FRAME:	R14
FILTER:	P1P20
FILTER COLOUR:	Gold
COLOUR RECOGNITION:	Good
FILTER THICKNESS:	ca. 6mm
FILTER MATERIAL:	Plastic
FILTER TECHNOLOGY:	Absorption filter
PROTECTION RANGE:	Infrared near infrared ultraviolett visible
VISUAL BRIGHTNESS:	Very good
VLT (APPROX.):	52%

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WAVELENGTH	OD	OPERATING MODE / TESTED PROTECTION LEVEL
180 - 315	(OD10+)	D LB10 + IR LB4 + M LB6Y
>315 - 462	(OD8+)	D LB7 + IR LB8 + M LB8Y
>462 - 464	(OD7+)	DIRM LB7
>464 - 466	(OD6+)	DIRM LB6
>466 - 469	(OD5+)	DIRM LB5
>469 - 472	(OD4+)	DIRM LB4
>472 - 475	(OD3+)	DIRM LB3
>475 - 480	(OD2+)	DIRM LB2
>480 - 490	(OD1+)	DIRM LB1
735 - <780	(OD1+)	DIRM LB1
780 - <800	(OD2+)	DIRM LB2
800 - <830	(OD3+)	DIRM LB3
830 - <850	(OD4+)	DIRM LB4
850 - <880	(OD5+)	DIRM LB5
880 - <910	(OD6+)	DIRM LB6
910 - <940	(OD7+)	DIRM LB7
940 - <955	(OD8+)	D LB7 + IR LB8 + M LB8Y
955 - <975	(OD9+)	D LB7 + IR LB8 + M LB8Y
975 - 1035	(OD10+)	D LB7 + IR LB8 + M LB8Y
>1035 - 1045	(OD9+)	D LB7 + IR LB8 + M LB8Y
>1045 - 1055	(OD8+)	D LB7 + IR LB8 + M LB8Y
>1055 - 1064	(OD7+)	DIRM LB7
>1064 - 1075	(OD6+)	DIRM LB6
>1075 - 1084	(OD5+)	DIRM LB5
>1084 - 1095	(OD4+)	DIRM LB4
>1095 - 1105	(OD3+)	DIRM LB3
>1105 - 1120	(OD2+)	DIRM LB2
>1120 - 1150	(OD1+)	DIRM LB1
3945 - <5180	(OD4+)	DI LB4 + R LB3Y
5180 - 25000	(OD5+)	D LB5 + I LB5Y + R LB3Y