laservision

laser safety magnifier F27P1E01 340mm

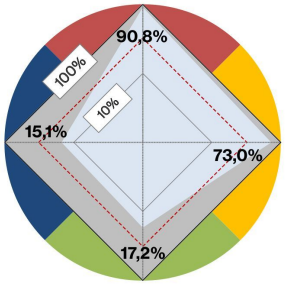
Highlights

- LB Protection levels acc. to EN 207
- Especially suitable for UV and Nd:YAG Lasers (266,355nm,532nm)
- Fluorescence effect for 532nm laser for alignment
- Good visual brightness and 40% VLT
- Good for gas and UV-Excimer laser
- Available also in the laser safety magnifier (F27)

Articlenumber: F27P1E011241
GTIN: 4050369044203
Unit: 1 Stück
Weight incl. packaging 0,59 kg
Weight excl. packaging: 0,10 kg

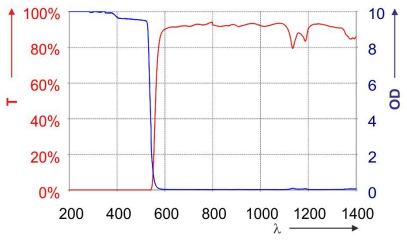
The laservision laser safety loupes F27.P1E01.1231 ith standard brackets is certified for the UV and visible wavelength range from 180 to 540 according to EN 207 (full protection). This filter is particularly suitable for UV and Nd: YAG lasers and has a good subjective brightness. The laser protection loupes are primarily used in the dental field. The orange-colored P1E01 filter in the shield and on the magnifying glass used here has a good visual brightness and a VLT of about 40%. The delivery takes place in a handy case with padding to store the laser safety loupes carefully. The case contains a professional cleaning fluid and a cord for hanging the glasses as standard. laservision recommends the professional cleaning station (A99.CLSTA.1300) for cleaning the laser safety spectacle.

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

CUSHION:	No cushion
FILTER:	P1E01
FILTER COLOUR:	Orange
FILTER CURVATURE:	Flat filter
FILTER MATERIAL:	Plastic
FILTER TECHNOLOGY:	Absorption filter
FILTER THICKNESS:	ca. 2mm
FRAME:	F27
FRAME TYPE:	OTG with temples
PROPERTIES:	Lightweight
PROTECTION CLASS / NORM:	EN 207 full protection
PROTECTION RANGE:	visible, ultraviolett
VLT (APPROX.):	40%
VISUAL BRIGHTNESS:	Good
COLOUR RECOGNITION:	Limited

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WAVELENGTH	OD	OPERATING MODE / TESTED PROTECTION LEVEL
180 - 315	(OD10+)	D LB10 + IR LB4 + M LB6Y
>315 - 532	(OD8+)	D LB6 + IRM LB8
>532 - 534	(OD7+)	D LB6 + IRM LB7
>534 - 536	(OD6+)	DIRM LB6
>536 - 538	(OD5+)	DIRM LB5
>538 - 540	(OD4+)	DIRM LB4
>540 - 542	(OD3+)	DIRM LB3
>542 - 545	(OD2+)	DIRM LB2

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