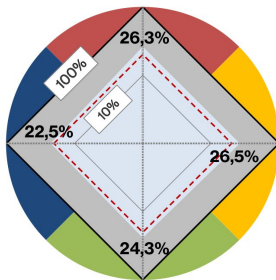


laser safety spectacle F22P1M03



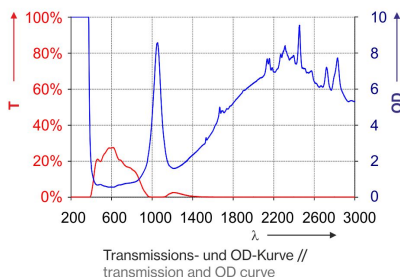
Articlenumber: F22P1M031001
GTIN: 4050369038103
Unit: 1 Stück
Weight incl. packaging 0,23 kg
Weight excl. packaging: 0,04 kg

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

- Full Protection with LB levels acc. to EN 207
- Suitable for the UV range, Nd:YAG, disc-, fiber- and CO₂-Laser
- Anti-scratch / anti-fog coating
- Very good color view
- Very good VLT
- Available in the frame [F18](#), [F22](#), [F29](#), [F47](#) and as a laser safety magnifier ([F27](#))

The laser safety goggle F22.P1M03.1001 with standard temples is certified, with just less interruptions, for the wavelength range 180 up to 11500nm acc. EN 207. It is especially suitable for medical lasers, for combination lasers around 1064nm, for CO₂ lasers, Nd: YAG, disk and fiber lasers and in the NIR range. It also has M protection levels for ultra-short laser pulses and has a good visual brightness and a daylight transmission (VLT) of approx. 25%. The shipment includes a soft case and a cord for the goggle. For a professional cleaning of laser safety spectacles laservision recommends the cleaning station (A99.CLSTA.1300).

COATING:

Front side anti-scratch /
rear side anti-fog

CUSHION:

No cushion

FILTER:

P1M03

FILTER COLOUR:

Grey

FILTER CURVATURE:

Flat filter

FILTER MATERIAL:

Plastic

FILTER TECHNOLOGY:

Absorption filter

FILTER THICKNESS:

ca. 2mm

FRAME:

F22

FRAME TYPE:

OTG with temples

PROPERTIES:

Lightweight, M-protection
rating

PROTECTION CLASS / NORM:

EN 207 full protection

PROTECTION RANGE:

near infrared, Infrared,
ultraviolet

VLT (APPROX.):

25%

VISUAL BRIGHTNESS:

Good

COLOUR RECOGNITION:

Very good

laser safety spectacle F22P1M03

WAVELENGTH	OD	OPERATING MODE / TESTED PROTECTION LEVEL
180 - 315	(OD10+)	D LB10 + IR LB4 + M LB6Y
>315 - 375	(OD8+)	D LB6 + IR LB8 + M LB8Y
>375 - 385	(OD3+)	DIRM LB3
1020 - <1030	(OD6+)	DIRM LB6
1030 - <1040	(OD7+)	D LB6 + IRM LB7
1040 - 1064	(OD8+)	D LB6 + IR LB8 + M LB8Y
>1064 - 1073	(OD7+)	D LB6 + IRM LB7
>1073 - 1083	(OD6+)	DIRM LB6
>1083 - 1090	(OD5+)	DIRM LB5
>1090 - 1100	(OD4+)	DIRM LB4
1400 - <1600	(OD2+)	DIRM LB2
1600 - <1750	(OD3+)	DIM LB3 + R LB3Y
1750 - 3000	(OD4+)	DIM LB4 + R LB3Y
>3000 - <5400	(OD2+)	DIRM LB2
5400 - 14000	(OD6+)	DI LB4 + R LB3Y + M LB5Y