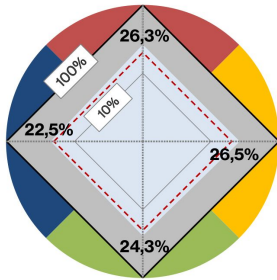


laser safety spectacle F42P1M03



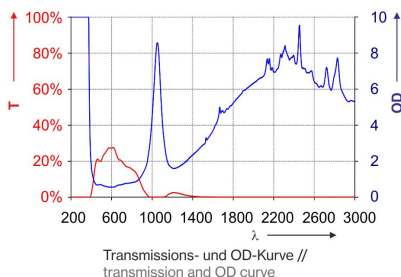
Articlenumber: F42P1M031001
GTIN: 4050369050129
Unit: 1 Stück
Weight incl. packaging 0,24 kg
Weight excl. packaging: 0,05 kg

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 spectacle F42.P1M03.1001 with disinfectable hinged arms, a quick-release system and cold-forming temple tips with a few interruptions for the wavelength range from 180-14000nm according to EN 207 (full protection) is specially 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. The laser safety goggle has a good visual brightness and a daylight transmission (VLT) of approx. 25%. The eyewear comes in a sustainably produced hexagonal cardboard box, along with a microfiber pouch and a cord to hang the goggles on. For cleaning the laser safety goggles, laservision recommends the professional 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:	F42
FRAME TYPE:	OTG with temples
PROPERTIES:	Cold malleable temples, Quick Release, Lightweight, M-protection rating, Suitable for use with prescription glasses (OTG)
PROTECTION CLASS / NORM:	EN 207 full protection
PROTECTION RANGE:	near infrared, Infrared, ultraviolett

laser safety spectacle F42P1M03

VLT (APPROX.):	25%
VISUAL BRIGHTNESS:	Good
COLOUR RECOGNITION:	Very good

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