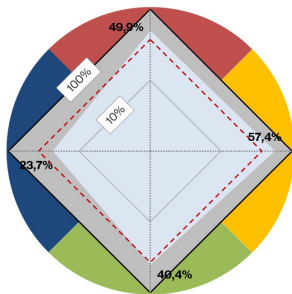


laser safety goggle F42P1P18



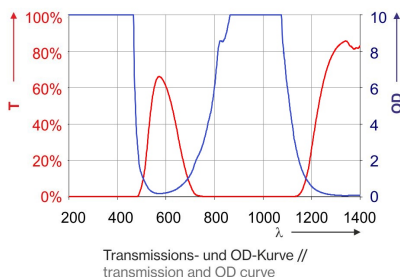
Article number: F42P1P181001
 GTIN: 4050369050921
 Unit: piece
 Weight incl. packaging: 0,24 kg
 Weight excl. packaging: 0,05 kg

Color view



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

Filter curve



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 808 to 1064nm, for UV-laser, blue lasers and Nd:YAG-laser
- disc- and fiberlaser as well as CO₂
- available in the frames [F18/F22/F27/F29](#) and [F42](#)
- very good daylight transmission (app. 47% VLT)
- good color view

The laser safety goggle F42.P1P18.1001 with disinfectable hinged arms, a quick release system and cold-forming temple tips has a daylight transmission of approx. 47% and a good color vision. The laser safety glasses consist of a gold-colored, absorbent plastic filter and is suitable for diode lasers 808 to 1064nm, for UV laser, blue- and NdYAG laser as well as for disc-, fiber and CO₂-laser. The laser safety glasses from laservision can also be used in the medical sector, especially for applications with dental, surgical and dermatological lasers. The disinfectable frame with cold-forged hinges and the new quick release can also be worn as overglasses via prescription lenses. The delivery takes place in a soft case together with a cord for putting on the glasses. For cleaning the laser safety goggles, laservision recommends the professional cleaning station.

COATING:	no coating
PROTECTION CLASS / NORM:	EN 207 full protection
FRAME TYPE:	OTG with temples
PROPERTIES:	desinfizierbar kaltverformbare Bügelenden Lightweight Quick Release
FRAME:	F42
FILTER:	P1P18
FILTER COLOUR:	Gold
COLOUR RECOGNITION:	Good
FILTER THICKNESS:	ca. 2mm
FILTER MATERIAL:	Plastic
FILTER TECHNOLOGY:	Absorption filter
PROTECTION RANGE:	Infrared near infrared ultraviolett visible

laser safety goggle F42P1P18

VISUAL BRIGHTNESS:	Very good
VLT (APPROX.):	47%

WAVELENGTH	OD	OPERATING MODE / TESTED PROTECTION LEVEL
185 - 315	(OD10+)	D LB10 + IR LB4 + M LB6
>315 - 466	(OD8+)	D LB6 + IR LB8 + M LB8Y
>466 - 468	(OD7+)	D LB6 + IRM LB7
>468 - 470	(OD6+)	DIRM LB6
>470 - 472	(OD5+)	DIRM LB5
>472 - 475	(OD4+)	DIRM LB4
780 - <795	(OD4+)	DIRM LB4
795 - <800	(OD5+)	DIRM LB5
800 - <813	(OD6+)	DIRM LB6
813 - <847	(OD7+)	D LB6 + IRM LB7
847 - <864	(OD8+)	D LB6 + IRM LB8
864 - <880	(OD9+)	D LB6 + IR LB8 + M LB9
880 - 1070	(OD10+)	D LB6 + IR LB8 + M LB10
>1070 - 1075	(OD9+)	D LB6 + IR LB8 + M LB9
>1075 - 1080	(OD8+)	D LB6 + IRM LB8
>1080 - 1087	(OD7+)	D LB6 + IRM LB7
>1087 - 1100	(OD6+)	DIRM LB6
>1100 - 1108	(OD5+)	DIRM LB5
>1108 - 1115	(OD4+)	DIRM LB4
5250 - 14000	(OD5+)	DI LB4 + R LB3Y
10600 - 10600	(OD8+)	DI LB4 + R LB3Y