# laservision

## laser safety spectacle F22P1D09

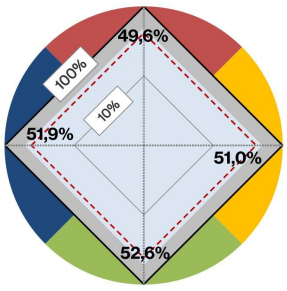
### Highlights

- LB Protection levels acc. to EN 207
- Especially suitable for Er:YAG or $CO_2$-Lasers
- CE certification
- Excellent colour view and very high VLT
- Filter for surgical / dental lasers
- Avaliable in the frames F18, F22, F29, F42 and F46
- Avaliable in the safety laser goggle with magnifier (F27)

Articlenumber: F22P1D091003
GTIN: 4050369053052
Unit: 1 Stück
Weight incl. packaging 0,23 kg
Weight excl. packaging: 0,04 kg

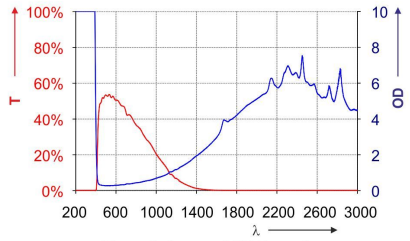
The laser safety goggle F22.P1D09.1003 is suitable for Er:YAG and $CO_2$-laser and offers full protection. The frame with standard temples fit over most up-to-date prescription glasses. The continuous, single shield provides a broad field of vision without any restriction by a frame. The F22 frame features are extremely low weight and a nearly ideal fit to every shape of head. The eyewear comes in a sustainably produced hexagonal cardboard box, along with a microfiber pouch and a cord to hang the goggles on. For a professional cleaning of laser safety spectacles laservision recommends the cleaning station (A99.CLSTA.1300).

### 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

| | |
|---|---|
| **COATING:** | no coating |
| **FILTER:** | P1D09 |
| **FILTER COLOUR:** | Grey green |
| **FILTER MATERIAL:** | Plastic |
| **FILTER TECHNOLOGY:** | Absorption filter |
| **FILTER THICKNESS:** | ca. 2mm |
| **FRAME:** | F22 |
| **FRAME TYPE:** | Spectacle |
| **PROPERTIES:** | Lightweight |
| **PROTECTION CLASS / NORM:** | EN 207 full protection |
| **PROTECTION RANGE:** | near infrared, Infrared |
| **VLT (APPROX.):** | 50% |
| **VISUAL BRIGHTNESS:** | Very good |
| **COLOUR RECOGNITION:** | Very good |

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| WAVELENGTH | OD | OPERATING MODE / TESTED PROTECTION LEVEL |
|---|---|---|
| 1400 - <1450 | (OD1+) | DIRM LB1 |
| 1450 - <1640 | (OD2+) | DIRM LB2 |
| 1640 - <1800 | (OD3+) | DIRM LB3 |
| 1800 - <1980 | (OD4+) | DI LB4 + R LB3Y + M LB3 |
| 1980 - 2600 | (OD5+) | DI LB4 + R LB3Y + M LB3 |
| >2600 - 3500 | (OD4+) | DI LB4 + R LB3Y + M LB3 |
| >3500 - <5400 | (OD2+) | DIRM LB2 |
| 5400 - 11500 | (OD6+) | DI LB4 + R LB3Y + M LB4Y |