# laservision

## laser safety spectacle R17P1P20

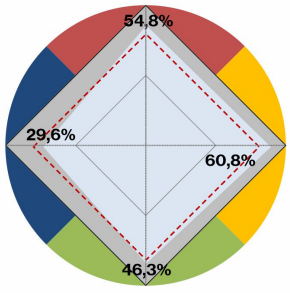
## Highlights

- protection levels are certifed acc. EN 207
- full protection within the UV, VIS, NIR and IR range
- suitable for diode laser at 808nm to 1064nm, for UV-laser and Nd:YAG
- disc and fiber laser as well as $CO_2$
- also available as laser safety window P1P20 (6mm)
- very good daylight transmission (app. 52%)
- good colour view

Articlenumber: R17P1P201001
GTIN: 4050369053632
Unit: 1 Stück
Weight incl. packaging 0,51 kg
Weight excl. packaging: 0,13 kg

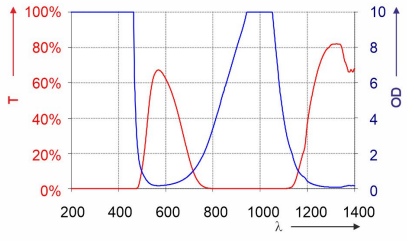
The laservision laser safety eyewear R17.P1P20.1001 is particularly suitable for UV lasers and blue lasers up to 466 nm as well as IR lasers (diode, Nd: YAG, disk and fiber lasers) in the range 880 - 1075 and $CO_2$ lasers and has a daylight transmission of approx. 52%. The full protection spectacle can be combined with an Rx- corrective insert. The small, reinforced goggle with adjustable temples and a gold-colored filter is characterized with a light weight and a good field of view. The shipment includes a spectacle cord and a metal box, which can also be used as its storage box.

## 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 |
| **CUSHION:** | No cushion |
| **FILTER:** | P1P20 |
| **FILTER COLOUR:** | Gold |
| **FILTER CURVATURE:** | Flat filter |
| **FILTER MATERIAL:** | Plastic |
| **FILTER TECHNOLOGY:** | Absorption filter |
| **FILTER THICKNESS:** | ca. 6mm |
| **FRAME:** | R17 |
| **FRAME TYPE:** | Spectacle with Rx insert option |
| **PROPERTIES:** | Adjustable temples, M-protection rating |
| **PROTECTION CLASS / NORM:** | EN 207 full protection |
| **PROTECTION RANGE:** | near infrared, Infrared, visible, ultraviolett |
| **VLT (APPROX.):** | 52% |
| **VISUAL BRIGHTNESS:** | Very good |
| **COLOUR RECOGNITION:** | Good |

**LASERVISION GmbH** | Würzburger Str. 152, D-90766 Fürth | **T** +49 911 9736 8100 | **E** info@lvg.com | **I** uvex-laservision.de

## laser safety spectacle R17P1P20

| WAVELENGTH | OD | OPERATING MODE / TESTED PROTECTION LEVEL |
|---|---|---|
| 180 - 315 | (OD10+) | D LB10 + IR LB4 + M LB6Y |
| >315 - 462 | (OD8+) | D LB7 + IR LB8 + M LB8Y |
| >462 - 466 | (OD6+) | DIRM LB6 |
| >466 - 472 | (OD4+) | DIRM LB4 |
| >472 - 490 | (OD1+) | DIRM LB1 |
| 735 - <830 | (OD1+) | DIRM LB1 |
| 830 - <880 | (OD4+) | DIRM LB4 |
| 880 - <910 | (OD6+) | DIRM LB6 |
| 910 - <940 | (OD7+) | DIRM LB7 |
| 940 - 1055 | (OD8+) | D LB7 + IR LB8 + M LB8Y |
| >1055 - 1064 | (OD7+) | DIRM LB7 |
| >1064 - 1075 | (OD6+) | DIRM LB6 |
| >1075 - 1084 | (OD5+) | DIRM LB5 |
| >1084 - 1095 | (OD4+) | DIRM LB4 |
| >1095 - 1150 | (OD1+) | DIRM LB1 |
| 3945 - <5180 | (OD4+) | DI LB4 + R LB3Y |
| 5180 - 11500 | (OD5+) | DI LB5 + R LB3Y |

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