

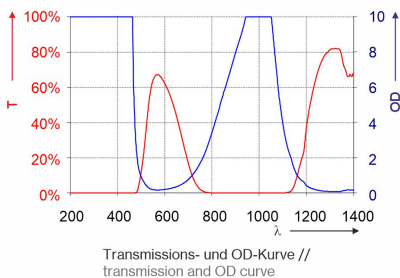
# laservision

## laser safety goggle R14P1P20A

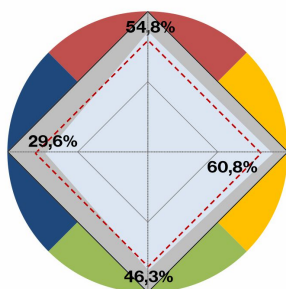


Article number: R14P1P201004  
GTIN: 4050369053625  
Unit: piece  
Weight incl. packaging: 0,60 kg  
Weight excl. packaging: 0,17 kg

### Color view



### Filter curve



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

### Highlights

- protection levels are certified 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<sub>2</sub>
- also available as laser safety window P1P20 (6mm)
- very good daylight transmission (app. 52%)
- good colour view

The laservision laser safety goggle R14.P1P20.1004 with an aired foam frame (A) is a goggle with a gold-colored filter and has a daylight transmission of approx. 52%. It 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<sub>2</sub> lasers. The changeable click frame with an aired foam (A14Aired1000) makes the goggles particularly comfortable to wear and prevents fogging of the laser protection filters. The shipment includes a metal box which can also be used as a storage box. The removable frame can optionally be bought in sets of 5.

|                          |                                                      |
|--------------------------|------------------------------------------------------|
| COATING:                 | no coating                                           |
| FILTER CURVATURE:        | Flat filter                                          |
| PROTECTION CLASS / NORM: | EN 207 full protection                               |
| CUSHION:                 | Aired foam (A)                                       |
| FRAME TYPE:              | Goggle with strap                                    |
| PROPERTIES:              | Head support option<br>M-protection rating           |
| FRAME:                   | R14                                                  |
| FILTER:                  | P1P20                                                |
| FILTER COLOUR:           | Gold                                                 |
| COLOUR RECOGNITION:      | Good                                                 |
| FILTER THICKNESS:        | ca. 6mm                                              |
| FILTER MATERIAL:         | Plastic                                              |
| FILTER TECHNOLOGY:       | Absorption filter                                    |
| PROTECTION RANGE:        | Infrared<br>near infrared<br>ultraviolett<br>visible |
| VISUAL BRIGHTNESS:       | Very good                                            |

## laser safety goggle R14P1P20A

VLT (APPROX.):

52%

| 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 - 464   | (OD7+)  | DIRM LB7                                 |
| >464 - 466   | (OD6+)  | DIRM LB6                                 |
| >466 - 469   | (OD5+)  | DIRM LB5                                 |
| >469 - 472   | (OD4+)  | DIRM LB4                                 |
| >472 - 475   | (OD3+)  | DIRM LB3                                 |
| >475 - 480   | (OD2+)  | DIRM LB2                                 |
| >480 - 490   | (OD1+)  | DIRM LB1                                 |
| 735 - <780   | (OD1+)  | DIRM LB1                                 |
| 780 - <800   | (OD2+)  | DIRM LB2                                 |
| 800 - <830   | (OD3+)  | DIRM LB3                                 |
| 830 - <850   | (OD4+)  | DIRM LB4                                 |
| 850 - <880   | (OD5+)  | DIRM LB5                                 |
| 880 - <910   | (OD6+)  | DIRM LB6                                 |
| 910 - <940   | (OD7+)  | DIRM LB7                                 |
| 940 - <955   | (OD8+)  | D LB7 + IR LB8 + M LB8Y                  |
| 955 - <975   | (OD9+)  | D LB7 + IR LB8 + M LB8Y                  |
| 975 - 1035   | (OD10+) | D LB7 + IR LB8 + M LB8Y                  |
| >1035 - 1045 | (OD9+)  | D LB7 + IR LB8 + M LB8Y                  |
| >1045 - 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 - 1105 | (OD3+)  | DIRM LB3                                 |
| >1105 - 1120 | (OD2+)  | DIRM LB2                                 |
| >1120 - 1150 | (OD1+)  | DIRM LB1                                 |
| 3945 - <5180 | (OD4+)  | DI LB4 + R LB3Y                          |
| 5180 - 25000 | (OD5+)  | D LB5 + I LB5Y + R LB3Y                  |