

Laser safety eyewear SPECTOR Filter: 0360, frame color silver (suitable also for spectacles wearer)

Product information:

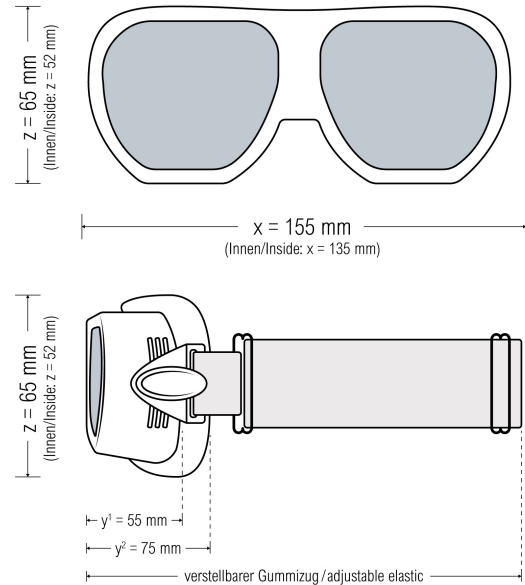
Item no.: 000-G0360-SPEC-20

Application: Diode-Nd:YAG (900 – 1400 nm) Yb:YAG/Scheibe (1030 nm) Faser (976 – 1080 nm) Telecom (1320 nm) Tm:Diode (1470 nm) Thulium (1480 + 1940 nm) Er:glass (1540 nm) Telecom (1550 nm) Tm:YAG (1900 nm) Ho:YAG (2100 nm) Er:YAG (2780 – 2940 nm) CO₂ (10600 nm) , VLT (Visible light transmission): 67 %

Filter color: light blau

Frame color: silver

Filter material: mineral glass



Alle Angaben ohne Gewähr.
All information is provided without guarantee.

Laser safety goggles with light blau mineral glass, suitable for Diode-Nd:YAG (900 – 1400 nm), Yb:YAG/Disk (1030 nm), Fiber (976 – 1080 nm), Telecom (1320 nm), Tm:Diode (1470 nm), Thulium (1480 + 1940 nm), Er:glass (1540 nm), Telecom (1550 nm), Tm:YAG (1900 nm), Ho:YAG (2100 nm), Er:YAG (2780 – 2940 nm) and CO₂ (10600 nm) lasers

Certified protection specifications for EN 207

Wavelengths

- 730-785
- >785-825
- >825-862
- >862-890
- >890-915
- >915-939
- >939-979
- >979-1019
- >1019-1400
- >1400-2690
- >2690-2753
- >2753-11000

Protection levels

DIRM LB1 (OD1+)

DIRM LB2 (OD2+)

DIRM LB3 (OD3+)

DIRM LB4 (OD4+)

DIRM LB5 (OD5+)

DIRM LB6 (OD6+)

DIRM LB7 (OD7+)

D LB7 + IRM LB8 (OD8+)

D LB7 + IRM LB9 (OD9+)

DI LB5 + R LB3Y + M LB5Y (OD5+)

DI LB4 + R LB3Y + M LB4Y (OD4+)

DI LB5 + R LB3Y + M LB5Y (OD5+)

PF CE

Properties:

The **SPECTOR** is a multifunctional **laser safety goggles frame**, made from a lightweight aluminium alloy. The laser safety goggles are tightly sealed thanks to a soft, padded face support. Generous ventilation ducts prevent fogging of the glasses. The laser safety goggles can be worn over prescription glasses and the adjustable elastic head band offers perfect wearing comfort even for long working periods.

The **Laser Safety Filter 0360** is suitable for powerful **Diode (940 - 980 nm)**, **Yb:YAG/Disk (1030 nm)**, **Nd:YAG (1064 nm)**, **Fiber (976 – 1080 nm)**, **Telecom (1320, 1550 nm)**, **Tm:Diode (1470 nm)**, **Thulium (1480 + 1940 nm)**, **Er:glass (1540 nm)**, **Tm:YAG (1900 nm)**, **Ho:YAG (2100 nm)**, **Er:YAG (2780 – 2940 nm)** and **CO2 (10600 nm)** in particular, but the filter also covers additional laser wavelengths. The laser safety filter consists of a light blue mineral glass and offers an extraordinary visual light transmission (VLT) of 67 % despite its minor filter thickness. The laser safety filter is **CE certified** in accordance with the requirements of **EN 207** and is available in different frames.

For a perfect and safe cleaning of this filter we recommend this [cleaning spray](#).



Please calculate the necessary protection levels for your laser application, with care and compare them to the given protection level of the **laser safety goggle**. We will gladly advise you on the selection of the right **safety gear**.