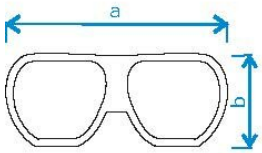
Laser safety eyewear, SPECTOR Filter - 0140, frame color silver (suitable also for spectacles wearer)

Product information:

Item no.:	000-G0140-SPEC-20
Application:	Diode (980 nm) Yb:YAG/Scheibe (1030 nm) Nd:YAG (1064 nm) Faser (1060 – 1080 nm) Telecom (1550 nm) Ho:YAG (2100 nm) Er:YAG (2940 nm) CO2 (10600 nm) , VLT (Visible light transmission): 70 %
Filter color:	light grey
Frame color:	silver
Filter material:	mineral glass



a = 155 mm
b = 65 mm
Innenmaß:
Breite = 135 mm, Höhe = 52 mm
Inside dimension:
Width = 135 mm, Height = 52 mm

Laser safety goggles with light gray mineral glass suitable for Diode (980 nm), Yb:YAG/Disk (1030 nm), Nd:YAG (1064 nm), Fiber (1060 - 1080 nm), Telecom (1550 nm), Ho:YAG (2100 nm), Er:YAG (2940 nm) and CO2 (10600 nm) lasers

Datenblatt

PROTECT LASERSCHUTZ GMBH
Ihre Sicherheit. Unser Auftrag!
Your Safety. Our Concern!

Certified protection specifications for EN 207

Wavelengths	Protection levels
• 915-955	DIR LB5 (OD5+)
• >955-1000	DIR LB6 (OD6+)
• >1000-1025	DIRM LB7 (OD7+)
• >1025-1400	D LB7 + IRM LB8 (OD8+)
• >1400-2600	DI LB4 (OD4+)
• >2600-2800	DI LB3 (OD3+)
• >2800-3000	DI LB4 (OD4+)
• >3000-4000	DI LB3 (OD3+)
• >4000-9000	DI LB4 (OD4+)
• >9000-11000	DI LB5 (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 0140** is suitable for powerful **Diode (980 nm)**, **Yb:YAG/Disk (1030 nm)**, **Nd:YAG (1064 nm)**, **Fiber (1060 – 1080 nm)**, **Telecom (1550 nm)**, **Ho:YAG (2100 nm)**, **Er:YAG (2940 nm)** and **CO2 (10600 nm) Lasers**, but the filter also covers additional laser wavelengths. The laser safety filter consists of a light grey, laminated mineral glass, and offers a high visual light transmission (VLT) of 70% due to its minor filter thickness. The laser safety filter is **CE certified** and meets the demands of the laser safety standard **EN 207**.

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 advice you on the selection of the right **safety gear.**