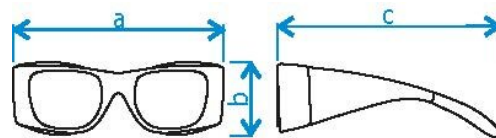


Laser safety eyewear, RETRO Filter - 0140, frame color titan

Product information:

Item no.:	000-G0140-RETR-21
Application:	Diode (980 nm) Yb:YAG/Scheibe (1030 nm) Nd:YAG (1064 nm) Faser (976 – 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:	titan
Filter material:	mineral glass



a = 135 mm b = 52 mm c = 160 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

Certified protection specifications for EN 207

Wavelengths	Protection levels
• 915-955	DIR LB5 (OD5+)
• >955-1000	DIR LB6 (OD6+)
• >1000-1025	DIR LB7 + M LB7Y (OD7+)
• >1025-1400	D LB7 + IR LB8 + M LB8Y (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 **Laser Safety Eyewear RETRO** are modern laser safety spectacles made from a light aluminum alloy in an appealing titan-look. Due to an additional coverage of the upper and lower part of the eye, these laser safety spectacles offer perfect laser protection from all sides. Flexible temples assure a good wearing comfort even during 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**.

