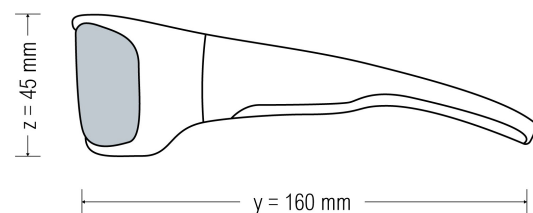
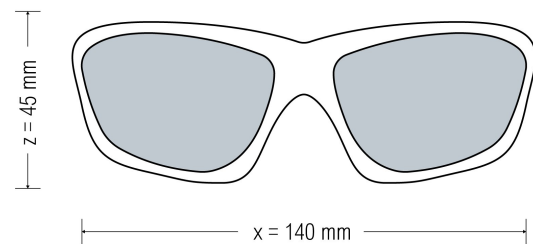


## Laser safety eyewear OPTIMATOR, Filter: 0277, frame color yellow/grey

### Product information:

|                         |                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Item no.:</b>        | 000-K0277-OPTI-62                                                                                                                                                                          |
| <b>Application:</b>     | Excimer (193 nm) UV (248 nm) Nd:YAG 4x (266 nm) Nd:YAG 3x (355 nm) Blue light laser (450 – 480 nm) Argon (515 nm) Nd:YAG 2x (532 nm) KTP (532 nm) , VLT (Visible light transmission): 42 % |
| <b>Filter color:</b>    | orange                                                                                                                                                                                     |
| <b>Frame color:</b>     | yellow/grey                                                                                                                                                                                |
| <b>Filter material:</b> | polymer                                                                                                                                                                                    |



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

Laser safety goggles with a special orange plastic filter, suitable for Excimer (193 nm), UV (248 nm), Nd:YAG 4x (266 nm), Nd:YAG 3x (355 nm), Blue light laser (450 - 480 nm), Argon (515 nm), Nd:YAG 2x (532 nm) and KTP (532 nm) lasers

## Certified protection specifications for EN 207

| Wavelengths   | Protection levels                |
|---------------|----------------------------------|
| • 180-315     | D LB10 + IR LB5 + M LB6Y (OD10+) |
| • >315-532    | D LB6 + IRM LB8 (OD8+)           |
| • >532-534    | D LB6 + IRM LB7 (OD7+)           |
| • >534-536    | DIRM LB6 (OD6+)                  |
| • >536-538    | DIRM LB5 (OD5+)                  |
| • >538-540    | DIRM LB4 (OD4+)                  |
| • >540-542    | DIRM LB3 (OD3+)                  |
| • >542-544    | DIRM LB2 (OD2+)                  |
| • >544-548    | DIRM LB1 (OD1+)                  |
| • >4004-4625  | DIR LB2 (OD2+)                   |
| • >4625-4770  | DIR LB1 (OD1+)                   |
| • >4770-5170  | DI LB3 + R LB3Y (OD3+)           |
| • >5170-11500 | DI LB4 + R LB3Y (OD4+)           |
|               | PF CE                            |

## Properties:

The **OPTIMATOR** is an elegant laser safety eyewear made of a special polymer in an elegant design. The lightweight frame provides an excellent fit due to the non-slip soft nose pad and soft temple tips as well as additional side protection through wrap-around technology.

The **Laser Safety Filter 0277** is suitable for powerful **Nd:YAG 4x (266 nm)**, **Nd:YAG 3x (355 nm)**, **Blaulicht-Laser (450 – 480 nm)**, **Argon (515 nm)**, **Nd:YAG 2x (532 nm)** und **KTP (532 nm) Lasers**. The laser safety filter consists of an orange polycarbonate, and offers a high visual light transmission (VLT) of 42% due its minor filter thickness. The laser safety filter is **CE certified** in accordance with the requirements of **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.