

OP SLIMS *for IPL*

Filter darkens in less than one millisecond.

*Comfortable
Lightweight
Smart and Fast
Maintenance-Free
True colors and High Vision.*



- The OP Slims switches to dark at every single IPL-pulse.
- Extremely clear optics allow full color perception.
- Performing cosmetic treatments safely and without fatigue.
- Protects against infrared and ultraviolet, even in the light state.
- No maintenance during the entire life cycle.
- Allows you clear vision of all colors during treatment. Skin conditions can be seen much better.
- OP Slims weigh only 42 grams.
- The spectral protection ranges from 200-3000 nanometers, which is well above the standard requirements.
- Operation is simple: Just put them on and start working!
- Built-in lithium battery.
- Without an on/off switch, the lifetime for average use ranges from 3 to 4 years.
- OP Slims are tested with the latest standards and CE-certified according to ISO12609.



2p insert OPSlims EN 160229

Code: SLIMS-IPL

OCULOPLASTIK

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Accessories/Spare Parts: A cover lens made of high-quality plastic protects the OP Slims. You can replace it simply by pulling it out and interchanging it for a new one. All spare parts such as the frame, cover lens and insert are very easy to change provided care is taken. They can also be ordered separately. The OP Slims have been certified as a combination. The active auto-darkening insert is not intended to be used without cover lens.

Warranty: The warranty against material and manufacture defects amounts to 36 months from date of issuance of the invoice. This excludes damage due to improper use. The warranty applies only for unchanged products. Outside of the warranty exchange of a product, no further damage is covered.

Warning: OP Slims may only be used for IPL treatments and only by IPL-trained personnel. Please correctly dispose the product at the end of its lifetime. Cleaning is done easily by using a non-abrasive cloth.

Please note: The sensor requires an unobstructed field of view. Storage temperatures range from -10° to +40°C, temperatures for short-term use range from -10° to +70°C. Prolonged use at temperatures outside of this range may cause damage and is not covered by the warranty. Should irregular functions or visible damage occur, please do not use the glasses anymore.

Danger of breakage.

These OPSlims safety glasses are not regular glasses and therefore, they need to be treated carefully. You are working with a high tech product, which is made out of electronics and liquid crystal cells. **Please note the following hints!**

Danger of breakage. This insert is made light weight to be comfortable and consequently is fragile and may break if dropped or if it is pulled/twisted at one of the darkening lenses (to remove the inserts). Please inform all users that it must be handled with great care. See these photos showing **DO's and DON'T's** and our videos on how to safely replace insert and other parts.

| Optical Properties | | | | | |
|------------------------------|-------------|------|---------------|---------------------|--------|
| Transmittance | | Min. | Typ. | Max. | Unit |
| Ultra-violet | 315-380 nm | | | 2x10 ⁻¹⁹ | % |
| Blue light | 440 nm | | | 18 | % |
| Visible, light state | 380-780 nm | 20 | 22 | 24 | % |
| | | | 2.5 | | N |
| Visible, dark state | 380-780 nm | | | 0.1 | % |
| ISO12609-1 | | F-6 | | | N |
| Near infrared ISO12609-1 | 780-2000 nm | | 7 | 10 | % |
| Mechanical Properties | | | | | |
| CE-Certification EN379 | Light state | | | | |
| Optical class | | | 1 | | class |
| Homogeneity | | | 1 | | class |
| Scattering light | | | 1 | | class |
| Angle dependence | | | 1 | | class |
| Electronic Properties | | | | | |
| Weight | | | 42 | | g |
| Dimensions | | | 170x150x50 | | mm |
| Storage temperature | | -10 | | 40 | °C |
| Usage temperature | | -10 | | 55 | °C |
| Impact resistance | EN166 | | F | | Suffix |
| Product lifetime | | 2 | 3 | 4 | years |
| Switching time | 25°C | | 300 | | µs |
| Spectral detection bandwidth | | | 350 - 1120 nm | | |
| Opening delay | | | 200 | | ms |
| Lithium-primary cell | | | 3 | | V |

