

Aurolase 532

Engineered for Excellence

Green 532nm Laser System



Aurolase 532: Advanced green laser system

Aurolase 532 is a state-of-the-art Green 532nm laser system meticulously designed for retinal photocoagulation in both OPD and OT settings. Engineered with precision and efficiency in mind, it offers consistent and stable performance, ensuring reliable outcomes for every procedure.

PRECISION FIRST PARTNER FOR YOUR PROCEDURES

Powered with enhanced workspace and user friendly operations

Our new laser workstation provides ample space and enhanced convenience allowing you to focus on patient care. Surgeons can now navigate procedures effortlessly with a touch user interface and a wide touch screen display that enhances visibility in various lighting conditions, including dark rooms.

Enhanced intelligent and safe delivery system

Aurolase 532 has a smart delivery system that detects variations and ensures highly responsive, instant power delivery, enhancing procedural efficiency and safety. With true color laser safety filter across all delivery systems, Aurolase 532 ensures natural color rendering while prioritizing surgeon safety.

Designed for extended lifespan

Aurolase 532's high-power laser head is designed for an extended lifespan, offering durability and reliability for long-term use.

Versatile delivery devices

Compatible with a range of delivery devices including Slit Lamp Adapter and Indirect Ophthalmoscope, Aurolase ensures adaptability to different surgical environments.

Customizable spot size

Tailor treatments with a continuously variable spot size ranging from 50 to 500 microns, adaptable to various clinical needs.

Comprehensive compatibility

Compatible with leading microscope models such as Zeiss and Leica, including OPMI series and LUMERA, ensuring seamless integration into existing surgical setups.

Complete safety solutions

Clear laser safety filters are standard across all delivery systems, providing optimal protection for surgeons' eyes during procedures.

Optional accessories

Customize setup with optional accessories like Microscope safety filters and Volk lenses, tailored to meet specific clinical requirements.

Seamless integration

Enjoy uninterrupted operation with the wireless indirect system, providing up to 90 minutes of continuous use at maximum illumination power.

TECHNICAL SPECIFICATIONS

Treatment laser parameters:

- Laser wavelength: 532nm
- Laser power at delivery end (max.): 2 W
- Laser safety class: class IV
- Treatment laser power: 25 mW - 1000 mW
- Pulse duration: 50 ms - 1000 ms
- Pulse interval: Off, 50 ms - 1000 ms (off - for single shot)

Aiming laser parameters:

- Laser wavelength: 635nm
- Intensity: <3 mW, variable in 10 steps
- Laser safety class: Class II
- Fiber port: SMA 905

Environmental parameters:

- Temperature transport: 10 – 70 °C
- Operating: 15 – 30 °C
- Cooling system: Thermo-electric & air cooling

Display unit:

- 1920 x 1680 - 11.6" Touch display IPS FHD wide angle viewing

Power supply:

- Input voltage: 90 - 240 VAC, 50 / 60 Hz
- Power consumption: 300 watt
- Foot print: H 450 x W 145 x D 450 mm (Laser system only)
- Weight: 10 kg

Delivery systems:

- Standard accessories : Slit lamp adapter, Touch monitor, Foot switch, User manual, Safety goggles and Hand rest
- Optional Accessories : Endoprobe, Indirect Ophthalmoscope and Carry case

Learn more

Contact your Aurolab representative today for further details on how Aurolase 532 can elevate your surgical practice with its advanced capabilities and comprehensive safety features.



Information published in this catalogue is subject to change without notification

For a demo or more information on how your patients can benefit from Aurolab products, call at **1800 103 7321** or email us at **info@aurolab.com**

AUROLAB

📍 No.1, Sivagangai Main Road, Veerapanjan, Madurai - 625020, Tamilnadu, India.

☎ +91 94892 12354 | +91 452 3596100 ✉ info@aurolab.com 🌐 www.aurolab.com