

eyeLase 532



Tailored to the needs of the user, the Ingeneus eyeLase 532 ophthalmic laser is designed for ease of use.

- in the ophthalmologist's office
- for mobile use
- in the OR

The laser light of eyeLase 532 is ideal for retinal photocoagulation. The laser radiation source is a diode-pumped, solid state laser with a wavelength of 532 nm. The robust solid state technology offers a range of impressive benefits including minimum maintenance and low energy consumption.

Key features of the eyeLase 532:

- **Highly adaptable:** eyeLase 532 offers several convenient options:
 - A bluetooth remote control allows convenient positioning of the controls distant to the laser console.
 - A detachable delivery system, able to fit a range of slit lamp microscope options.
- **Compact:** eyeLase 532 is compact, easily transported in an optional carry case and can be quickly adapted to the slit lamp for immediate use.
- **Flexible:** eyeLase 532's bluetooth remote control allows positioning of the laser console providing flexible arrangements in the clinical setting.
- **Safe:** The safety filter provides maximum protection while maintaining an excellent colour balance to the field of view.
- **Superior Performance:** eyeLase 532 provides clear, crisp and high-resolution image quality with power on demand and as required.
- **Technical Features:**
 - True continuous 532 nm
 - 50 – 1500/2000mW Power
 - 50 – 500um spot size
 - Removable bluetooth remote control
 - Touchscreen adjustments
 - Parameter memory options
 - Slit Lamp Delivery Adaptor

High performance in the office

eyeLase 532 is an excellent choice for the office as it is compact, flexible and versatile. It is highly adaptable and provides space saving options.

Key features:

- Removable delivery system
- Bluetooth remote control provides space-saving options
- Parfocal system with spot sizes continuously adjustable from 50 to 500 microns
- Safe operation with excellent colour balance safety filter providing the ophthalmologist with the clearest field of view.
- Easy and fast to fit on to the slit lamp
- Uses Haag Streit, Zeiss style slit lamps from a range of manufacturers

Performance and Functionality in the Operating Room (OR)

eyeLase 532 is well suited to the operating room, easily fitting in to any OR environment and is ready for action at any time!

Key features:

- It can be placed in the corner of the room in cramped conditions.
- The bluetooth remote control and availability of numerous endo-probes add to the systems suitability and functionality in the OR.
- The safety filter that fits on to any microscope ensures maximum safety and provides excellent colour balance for the field of view.

Treating and examining patients in various positions – made easy:

- The Keeler Vantage Plus coaxial viewing Laser Indirect Ophthalmoscope (LIO) provides true coaxial viewing and laser delivery in a compact package.
- The Keeler Vantage Plus LIO makes it convenient for the ophthalmologist to treat and examine patients in various positions.
- The LIO eliminates the need for laser focus adjustments accommodating a wide range of working distances.

eyeLase 532® – Technical specifications.

Laser type Frequency doubled solid state laser

Wavelength 532 nm

Aiming beam Diode, 620 to 650 nm, adjustable brightness max. 1 mW at the cornea

Rated voltage and frequency 100 V to 240 V, 50/60 Hz

Pulse duration (single pulse) 10 to 3000 ms, cw

Pulse interval (single pulse) 50 to 3000 ms

Max. Power 1.5 or 2 watts at the cornea

Cooling system Thermoelectric

Laser console dimensions H 155 x W 260 x D 340 mm

Weight 8 kg

Bluetooth remote control dimensions H 150 x W 80 x D 55 mm

Weight .74 kg

Accessories Keeler Vantage Plus LIO, switchable safety filter, laser safety goggles, contact lenses



Contact details:

Ingeneus Pty Ltd
 Axxess Corporate Park
 Unit 131, 45 Gilby Road
 Mount Waverley, Victoria
 Australia 3149

Email address: enquiries@ingeneus.com.au
Phone: +61 3 9558 6334
www.ingeneus.com.au

