



LIGHTLas 532

Green laser photocoagulator



OPHTHALMOLOGY / ENT



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Cod. **LIGHTLas 532**



Portable, Versatile & High Duty Cycle Laser Solution

The third generation LIGHTLas532 combines innovative laser technology and ergonomic design, incorporating the highest standards of performance for use in the Office or OR.

- Digitally Controlled instant-duty cycle system, permits fast speeds and high power output over prolonged use.
- Powerful 2.0W & 4.0W (optional) laser cavity assures exceptional life span and stability of the system.
- Easily transportable system utilizing convenient carry handle and portable carry case.
- Industry's best Value for Money green laser photocoagulator.

Unique Slit Lamp Integrated Option

One of the world's finest slit lamp laser integrated system option, provides outstanding controls, enhances safety and increased clinical flexibility.

- Superior Optic Slit Lamp for enhanced diagnosis.
- 50-1000 μ m continuously variable spot size controls.
- True-Parfocal delivery system providing superb energy density and increases clinical versatility.
- Internal safety filters allow larger field viewing, and undistorted crystal clear view of the retina.
- Unobstructed, and longer working distance between objective lens and patient's eye increases comfort and precision in operating.

Advanced LCD Touch Screen Interface

7" backlit color LCD touch screen has intuitive menu with easy selection and treatment settings.

- Enhances working space and offers easy access to all laser controls.
- Convenient in use and space saving.





Dual & Tri Combo Laser Integration

LIGHTLas532 integrates with the YAG and SLT/Deux Lasers forming a powerful and complete Photocoagulator / Photodisruptor / SLT workstation.

- Space saving system with efficiency of integrated laser station.
- Lower costs of ownership assure unmatched economies of scale.
- Assures increased practice and clinical scope.

TruLase Laser Indirect Ophthalmoscope (LIO)

Keeler Integrated LIO, provides unique controls of aperture size and spot position.

- Lightweight and highly portable LIO.
- Superior clarity safety filter lens for enhanced, undistorted viewing.



Wireless, Power Control Foot Pedal

The optional ergonomic design foot pedal enables easy positioning and adjustment of treatment power settings.

- Allows hands-free operation.
- Uninterrupted procedure for increased visual focus.



Extensive range of Laser Delivery Systems

LIGHTLas532 comes with an extensive range of Slit Lamp Delivery Adapters (SLA) to suite, Zeiss, Haag-Streit (and clones), and our laser lit lamps.

- Parfocal 50-50 μ m continuously variable spot size with or without micromanipulator option.
- Excellent, uniform power density distribution over the treatment spot.
- Superior safety filter optics providing enhanced view of the retina.
- Automatic recognition of delivery devices and treatment modes, assures simple selection and safer application.

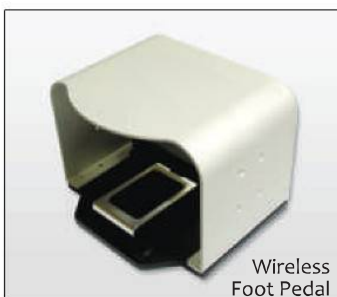




Accessories:



LIO

Wireless
Foot Pedal

Probes



Safety filter

Technical Specifications:

Cod.	LIGHTLas 532
Laser system	DPSS True CW
Safety classification	Class 4
Wavelength	Green (532 nm)
Power Output	50 mW - 2.0W & 50mW 4.0W (ENT optional)
Max Power at cornea	2.0W (Endo, LIO & SLA @ all spot sizes)
Pulse Duration	0.1 - 3.0s
Pulse Interval	0.1-3.0, & Continuous
Cooling	Auto Fan & TEC's for Laser & Crystal
Treatment spot size	50 to 500 μ m, Continuously Variable or stepped so -1000 μ m Continuously Variable (Integrated Version)
Aiming beam	Laser diode 653 nm, red 0.1 - < 1mW
Safety Classification	Class 2
Dimensions (laser console)	13cm (H) x 36cm (W) x 33cm (D) 5.1" x 14.5" x 12.9"
Weight (laser console)	12 Kg 26.4 lbs
Power Requirements	100-230VAC, 50-60Hz Auto-Ranging

OPTIONAL ACCESSORIES

Endoprobes Straight, Curves, Aspirating
TruSpot SLA for Zeiss, Haag Streit (analogues)
TruSpot SLA for YAG I SLT I SLT Deux
CSO SL 950ISL 980 (integrated SLA)
Trulase Keeler Integrated LIO
Power Control, Wireless Foot Pedal
Motorized & Fixed Safety Filter for microscopes

NOTES: Specifications are subject to change without notice.



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