



# LIGHTLas 532

Green laser  
photocoagulator



OPHTHALMOLOGY / ENT



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Green laser photocoagulator

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 $\mu$ 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.

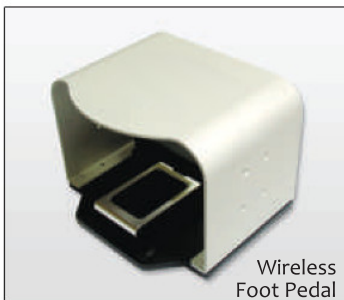
- Parfocal 50-50 $\mu$ m continuously variable spot size with or without micromanipulator option.
- Excellent, uniform power density distribution over the treatment spot.
- Superior safety filter optics providing enhanced view of the retina.
- Automatic recognition of delivery devices and treatment modes, 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 $\mu$ m, Continuously Variable or stepped so -1000 $\mu$ 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 / SLT / 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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