

*Light Your Vision*

## LightLas SeLecTor SLT/YAG Combination Laser



**LIGHTMED**

### YAG laser advantages:

- greater patient comfort
- short treatment times
- reduced risk of IOL pitting

### SLT laser advantages:

- laser light stimulates the body's own healing response to lower eye pressure
- effective as primary, adjunctive or repeat therapy
- safe, office-based procedure
- reimbursed by most insurance policies

### LightLas SeLecTor is a combined unit which includes:

- Q-Switched Nd:YAG laser (1064 nm) and
- Frequency doubled Q-Switched Nd:YAG laser (532 nm)

It can be used for Capsulotomy, Iridotomy and Selective Trabeculoplasty treatments.



CE 0197

FDA

NCC  
OCP 0034

# Combination System



## Suitable for

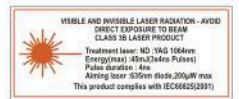
- LightLas 532-Green Photocoagulator Laser
- LightLas 561-Yellow Photocoagulator Laser
- LightLas 810-Infrared Photocoagulator Laser

# LightLas SeLeCtor

Design and specification are subject to change without notice.

## Technical Data

	YAG mode	SLT Mode
Laser Source	Q-Switched Nd:YAG	Q-Switched Frequency Doubled Nd:YAG
Wavelength	1064nm	532nm
Energy(power)	0.3-10 mJ	0.2-2 mJ per pulse, continuously variable in 0.1 increments
Pulse Duration	4 ns (nanoseconds)	3 ns (nanoseconds)
Burst Mode	1,2 or 3 pulses per burst (selectable)	Single Pulse
Spot Size	8 microns	400 microns
Cone Angle	16 degrees	<3 degrees
Posterior Offset	100-350 microns (continuously variable)	Not Applicable
Repetition rate	2.3 Hz (in single burst)	2 Hz
Pulse Rate	Not Applicable	Not Applicable
Aiming Beam	Red Diode, Continuously variable adjustable intensity	Red Diode, Continuously variable adjustable intensity
Cooling	Air Cooled	Air Cooled
Electrical Requirements	100-240 VAC, 50/60 Hz, 3.15 Amps	100-240 VAC, 50/60Hz, 3.15Amps
Dimensions (Total)	52 cm x 32 cm x 45 cm ; 20.5 in x 12.5 in x 17.7 in (HxWxD)	
Weight	21 Kg or 46.3 lb (system) / 28 Kg or 61.7 lb (packed)	



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**VISIONCARE LIMITED**

Tel. 234-802-376-7612, 234-703-716-8974.  
http:// www.visioncare.biz



**LIGHTMED**

**LightMed(USA),Inc.**

Address:1030 Calle Cordillera, Ste. 101;San Clemente,CA 92673  
Tel:(949)218-9555 Fax:(949)218-9556 Toll Free:1-(886)96-Light

**LightMed Corp.(International)**

Address:No. 1-1 ,Lane 1,Pao-An St. Sec.3,Shulin City, Taipei 238,Taiwan  
Tel:+886-2-2688-1726 Fax:+886-2-2676-4920  
E-mail:sales@lightmed.com http://www.lightmed.com