



AMOGH SMART

OPHTHALMIC GREEN LASER SYSTEM-532 nm

GREEN LASER SINGLE SPOT CONSOLE WITH TOUCH SCREEN DISPLAY

FEATURES

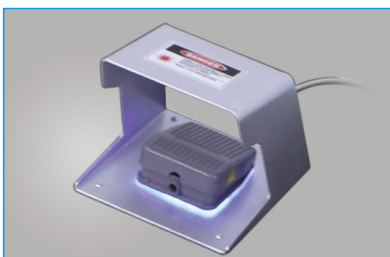
- Light weight and portable
- LCD touch screen with mounting option on table and also on the console
- LED illuminated foot switch, ON/OFF switch & fiber connecting port
- Metal shielded laser delivery fiber optic cable
- Integrated Voice confirmation technology
- Parameter presets for different treatment procedures

SPECIFICATIONS

Treatment Laser	Diode pumped, frequency doubled, true cw, solid state
Laser Module Capacity	3 Watts
Aiming Beam	635 nm, Semiconductor diode laser, 0 to 1 mW (variable)
Power Adjustment	Variable from 10 to 1500 mW
Power Input	100/240 VAC, 50/60 Hz, 2A
Cooling	Thermo electric cooling (peltier) and air cooled
Operation Mode	Repeat pulse, single pulse & continuous mode
Screen Display	LCD touch screen
Lifetime	10,000 Working hours
Dimensions	290mm(H) x 180mm(W) x 365mm(D)
Weight	8 Kgs
Power Consumption	100 Watts
Pulse Duration	10 ms - 10 sec
Pulse Interval	10 ms - 10 sec
Treatment Laser Safety	Class IV

STANDARD ACCESSORIES

Dust cover, Foot switch & Safety Goggle



Foot Switch



Safety Goggle



AMOGH SMART

OPHTHALMIC GREEN LASER SYSTEM-532nm

AMOGH SMART

INTEGRATED
LASER SLIT LAMP

DS
MENU

UNIVERSAL
LASER SLIT LAMP

LASER INDIRECT
OPHTHALMOSCOPE

ENDO OCULAR PROBE

APPASAMY
ASSOCIATES
Empowering Vision®



LIO



EMERGENCY HALT



POWER ON/OFF



LASER
APERTURE

optohellas®

Europe & Middle East Representation



ATTENTION
See instructions before
using the Equipment

optohellas®

Europe & Middle East Representation

INTEGRATED LASER SLIT LAMP SINGLE SPOT (STANDARD DELIVERY SYSTEM)

FEATURES

- Electronic micro manipulator on the joystick ensures the ultimate in controlled safety
- The precise guidance of the aiming beam and the therapy beam guarantees optimum illumination on the site of treatment at all times whether it is in the far periphery or in the vicinity of the macula
- Permanently inbuilt true colour laser safety filter
- Spot size display
- Electronic micro manipulator ON/OFF switch

SPECIFICATIONS

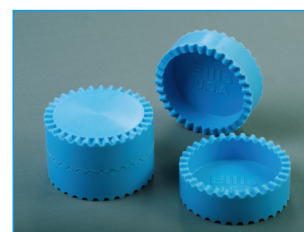
Laser Spot Diameter	Adjustable spot size from 50 - 1000 μ		
Eye Piece	12.5x		
Magnification	6x, 10x, 16x, 25x, 40x		
Standard Slit	0°, 45° & 135°		
Illumination	12V, 30W Halogen lamp, brightness variable		
Slit Length Adjustment	Adjustable in step of 1, 3, 5, 8, 10, 14 mm		
Slit Width Adjustment	Continuously adjustable from 0-14 mm		
Inter Pupillary Distance	55 - 75 mm		
Micro Manipulator	Electronic micro manipulator in the joystick		
Working Distance	120 mm for using all types of laser contact lenses		
Power Input	100/240 VAC, 50/60 Hz, 2.5A		
Filters	Yellow, green (red free) & cobalt blue		
Laser Spot Size Display	7 Segment LED		
Micro Manipulator Movement	360°		
Power Consumption	65 Watts		
Laser Beam Delivery	Coaxial delivery with slit illumination		
Movement Ranges			
Longitudinal (In/Out)	99 mm	Lateral (Left/Right) : 118 mm	
Vertical (Up/Down)	30 mm	Chin Rest Range : 90 mm	
Dimensions	530(L) x 380(W) x 600(H) mm		
Weight	10 Kgs		

STANDARD ACCESSORIES

Dedicated Motorised Table, Fiber Optic Cable, Treatment Lens - 2 No.'s, Elbow Rest, Dust Cover, LCD Arm & Console Mount.



Treatment Lens



Elbow Rest

GREEN LASERPHOTO COAGULATOR FOR RETINAL DISORDERS
PATENTED SOLID - STATE TECHNOLOGY
TRUE CONTINUOUS WAVE
EXTENDED LIFE AND EFFICIENCY
TOUCH SCREEN INTERFACE





optohellas®

Europe & Middle East Representation

LASERINDIRECT OPHTHALMOSCOPE (OPTIONAL DELIVERY SYSTEM)

FEATURES

- Ideal for patients who are best examined and can be treated in supine position, including neonates, small children and disabled patients
- Variable focus option is an added advantage
- Vertical movement adjustment for illumination beam
- Ultra view inbuilt eye safety laser filters provides a crystal clear view of developing lesions
- Coaxial system of laser aiming beam along with white light illumination gives comfortable treatment
- LIO can be made compatible for selected lasers
- True focus optical system
- Small pupil adjustment



SPECIFICATIONS

LIO Illumination Output	LED1 Watt, 3.3 VDC, 700 mAh
Standard Spot Size	200 μ on the retina
Standard Working Distance	350 mm
Variable Spot Size (WD)	~181 μ (300 mm) – ~550 μ (700 mm) on the retina
Laser Safety Filter	Ultra clear view & permanently fixed
Illumination Field	Clear circular
Optical System	Stereoscopic
Pupillary Distance	52 to 74 mm
Aperture Size	4.0 mm, 3.0 mm & 1.2 mm
Image Size	80.0 mm, 60.0 mm & 25.0 mm
Intensity Control	Continuously variable
Standard Filters	Yellow, white & cobalt blue
Power Consumption	2 Watts
Power Input	100/240 VAC, 50/60 Hz, 2A
Weight	700 Grams (approx.)
Dimensions	Standard packing case 230 x 520 x 450 mm

STANDARD ACCESSORIES

Standard Length Fiber Optic Cable,
Eye piece Lens & Carry Case



20 D
Lens



Eye Piece
Lens

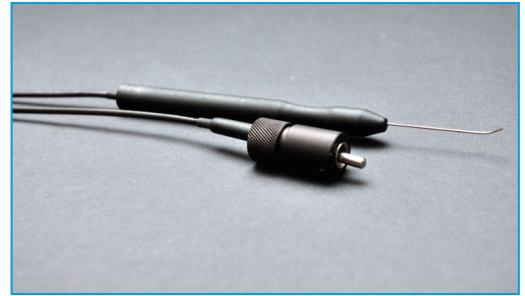
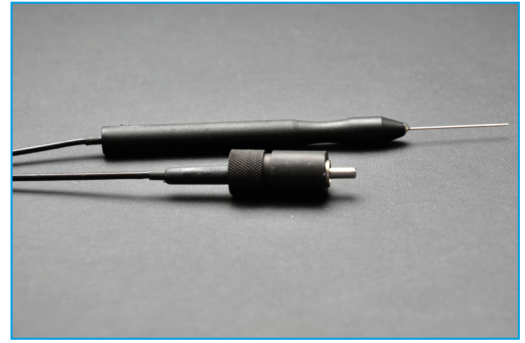
OPTIONAL ACCESSORIES

20 D Lens, Extended Length Fiber Optic Cable

ENDOPROBES(OPTIONAL DELIVERY SYSTEM)

ENDOPROBESFOR OPHTHALMIC ENDOPHOTOCOAGULATION

- Ergonomic design with straight & curved/angled tip
- Pre-sterilized & disposable probes
- Available in 20G, 23G, 25G & 27G series
- Compatible for other selected laser photocoagulators
- Easy entry through small gauge cannulas
- Tapered curve for excellent laser energy delivery
- Reliable spot placement at far periphery



MICROSCOPE FILTER (OPTIONAL ACCESSORY)

The protective filter easily fits in the selected microscopes. These filters are designed to maximize visualization during treatment and also provides complete protection from laser beam for the user





optoheLLas[®]

Europe & Middle East Representation





**Manufactured & Marketed by
APPASAMY ASSOCIATES**

20, SBIOfficers' Colony,
First Street, Arumbakkam,
Chennai - 600 106, India.
Tel : (91-44) 30101400, 30101401
Email: info@appasamy.com
Web : www.appasamy.com



* Specifications are subject to
change without
prior notice

**Designed by Monocrom
in Spain and Germany**

monocrom 
LASER DIODE DEVICES



Distributed By

2nd km Katerinis - Elasonas, Katerini, Greece
Branch: Evelpidon 61-63
11362 Athens, Greece

Tel: +30 23510 79750 / +30 210 5750572
e-mail: info@opto.gr
www.optohellas.com

optohellas®
ΟΡΘΟΓΟΝΙΟΛΟΓΙΚΑ ΜΗΧΑΝΗΜΑΤΑ

Europe & Middle East Representation