



AMOGH SMART 532nm

GREEN LASER PHOTOCOAGULATOR

GREEN LASER CONSOLE

WITH TOUCH SCREEN DISPLAY

FEATURES

- Light weight and portable
- Lcd touch screen display with mounting option on table and also on the console
- Led illuminated foot switch, on/off switch & fiber connecting port
- Metal shieded laser delivery fiber cable

STANDARD ACCESSORIES

Dust cover, Foot switch, User Manual, Stabilizer & Safety Goggle

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
Electrical Requirements	110/230 VAC, 50/60 Hz, 2 A, single phase
Cooling	Thermo electric cooling (peltier) and air cooled
Operation Mode	Repeat pulse, single pulse & continuous mode
Display	LCD touch screen
Lifetime	10,000 Working hours
Dimensions	290(H) x 175(W) x 365(D) mm
Weight	7 - 8 Kg
Power Consumption	100 Watts
Pulse Duration	0.01 – 10 Sec.
Pulse Interval	0.01 – 10 Sec.
Treatment Laser Safety	Class IV





INTEGRATED LASER SLIT LAMP

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

STANDARD ACCESSORIES

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

SPECIFICATIONS

Laser Spot Diameter	Adjustable spot size from 50-1000 μ
Eye Pieces	12.5x
Magnification	6x, 10x, 16x, 25x, 40x
Slit Rotation	0°, 45°, 90° & 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 1-14 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 Supply	110/230 VAC, 50/60 Hz, 65 VA, 2.5 A
Filters	Yellow, green (red free) & cobalt blue
Laser Spot Size Display	7 Segment LED
Micro Manipulation Movement	360°
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 Kg (without packing)

GREEN LASER PHOTO COAGULATOR
FOR RETINAL DISORDERS

PATENTED SOLID - STATE TECHNOLOGY

TRUE CONTINUOUS WAVE

EXTENDED LIFE AND EFFICIENCY

TOUCH SCREEN INTERFACE



WIRELESS LASER

INDIRECT OPHTHALMOSCOPE

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
- Video laser indirect ophthalmoscope is also available as optional
- Lio can be made compatible for other lasers
- True focus optical system
- Small pupil adjustment



STANDARD ACCESSORIES

Fiber Optic Cable, Scleral Depressor & Charger

OPTIONAL ACCESSORIES: 20 D Lens

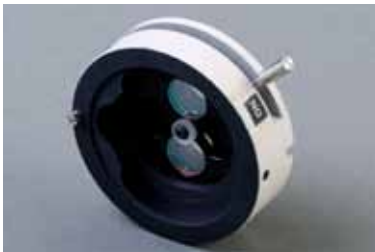
SPECIFICATIONS

LIO Illumination	LED 1 watt, white light
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
Output	3.3 VDC
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, red free & cobalt blue
Power Consumption	2 Watts
Power Input	110/230 VAC, 50/60 Hz
Weight	700 grams (approx.)
Dimension	Standard packing foam bag 230x 520x 450 mm
Battery	Rechargeable, 3.7 VDC, 2100 mAh

ENDOPROBES

Endoprobes For Ophthalmic Endophotocoagulation

- Ergonomic design with straight & curved/angled tip
- Pre-sterilized & disposable probes
- Available in 20G, 23G & 25G series
- Compatible for other 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 microscope. These filters are designed to maximize visualization during treatment and also provides complete protection from laser beam for the user

Universal Laser Adaptor (Optional Accessory)

It can be made compatible for selected slit lamp models. It is compact and easy to install. It has convenient optical system. It's main feature is that user can align the aiming beam to the slit beam centre.



ACCESSORIES



20 D Lens



Scleral Depressor



Safety Goggle



Mainster Lens



Elbow Rest



Voltage Stabilizer





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