



# AMOGH SMART

GREEN LASER 532 nm

# GREEN LASER CONSOLE WITH TOUCH SCREEN

## 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

## 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	110/240 VAC, 50/60 Hz, 2A, 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	8 Kgs (without packing)
Power Consumption	100 Watts
Pulse Duration	10 ms - 10 sec
Pulse Interval	10 ms - 10 sec
Treatment Laser Safety	Class 4

## STANDARD ACCESSORIES

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



Foot Switch



Stabilizer



Safety Goggle





8888

LASER SPOT SIZE  $\mu$

ATTENTION  
See instruction manual  
for this Equipment

# 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

## SPECIFICATIONS

Laser Spot Diameter	Adjustable spot size from 50 - 1000 $\mu$
Eye Pieces	12.5x
Magnification	6x, 10x, 16x, 25x, 40x
Standard Slit's	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 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 Input	110/240 VAC, 50/60 Hz, 2.5A
Filters	Yellow, green (red free) & cobalt blue
Laser Spot Size Display	7 Segment LED
Micro Manipulation 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 (without packing)

## 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 LASER PHOTO COAGULATOR  
FOR RETINAL DISORDERS

PATENTED SOLID - STATE TECHNOLOGY

TRUE CONTINUOUS WAVE

EXTENDED LIFE AND EFFICIENCY

TOUCH SCREEN INTERFACE





# LASER INDIRECT OPHTHALMOSCOPE (Optional Accessory)

## 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 selected lasers
- True focus optical system
- Small pupil adjustment
- Wireless LED indirect ophthalmoscope is fitted with laser delivery optics



## SPECIFICATIONS

LIO Illumination	LED white light, 3.3 V, 1 Watt
Standard Spot Size	200 $\mu$ on the retina
Standard Working Distance	350 mm
Variable Spot Size (WD)	~181 $\mu$ (300 mm) – ~550 $\mu$ (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, red free & cobalt blue
Power Consumption	2 Watts
Power Input	110/240 VAC, 50/60 Hz
Weight	700 Grams (approx.) (without packing)
Dimension	Standard packing foam bag 230 x 520 x 450 mm
Battery	Rechargeable, 3.7 VDC, 2100 mAh

## STANDARD ACCESSORIES

Fiber Optic Cable, Scleral Depressor, Charger & Carry Case

OPTIONAL ACCESSORY: 20 D Lens



Scleral Depressor



20 D Lens



## ENDOPROBES (Optional Accessory)

### Endoprobes For Ophthalmic Endophotocoagulation

- Ergonomic design with straight & curved/angled tip
- Pre-sterilized & disposable probes
- Available in 20G, 23G & 25G 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.



### 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.









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Designed by Monocrom  
in Spain and Germany

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LASER DIODE DEVICES



\* Specifications are subject to change without prior notice