

SPECIFICATIONS

TREATMENT LASER PARAMETERS

Laser	Frequency doubled Diode pumped solid state Laser
Wavelength	532nm
Laser Power at delivery end (max.)	1 W
Laser Safety Class	Class IV

Treatment Laser power	25 mW - 1000 mW
Pulse duration	50 ms - 1000 ms
Pulse interval	OFF, 50 ms - 1000 ms (OFF - for single shot)

AIMING LASER PARAMETERS

Laser	1 mW, Red Laser diode
Wavelength	635 nm
Intensity	<1 mW, Variable in 10 steps
Laser Safety Class	Class II

Fiber Port	SMA 905
------------	---------

Temperature	Transport: 10 – 70 °C Operating: 15 – 35 °C
-------------	--

Cooling System	Thermo-electric & Air cooling
----------------	-------------------------------

Display unit	1920 x 1680 - 11.6" Touch Display IPS FHD Wide angle viewing
--------------	--

POWER SUPPLY

Input Voltage	90 - 240 VAC, 50 / 60 Hz
Power Consumption	300 Watt

Foot Print	H 450 X W 145 X D 450 mm (Laser system only)
Weight	~10 kg

DELIVERY SYSTEMS

Standard	Slit Lamp Adaptor, Laser Indirect Ophthalmoscope
Optional	Endoprobe

Standard Accessories	Touch Monitor Foot switch, User manual, Safety goggles, Hand rest and Carry case (Optional)
----------------------	---



Information published in this catalogue is subject to change without notification

No.1, Sivagangai Main Road, Veerapanjan, Madurai 625 020, India
Phone: +91 452 3096100 · Fax: +91 452 2446200
E-mail: info@aurolab.com · Service: serviceinfo@aurolab.com
Web: www.aurolab.com



aurolase 532

GREEN LASER PHOTOCOAGULATOR

It offers customized positioning wide touch screen with an exceptional cavity lifespan, ergonomic design and user friendly

Aurolase532 is a compact high power Green 532nm Laser system designed for retinal photocoagulation in OPD & OT

- Precise, economically efficient, consistent and stable performance
- New laser workstation offers you more space to work and convenience
- Smart delivery system detection
- Highly responsive and instant power delivery
- True color Laser safety filter in all delivery systems with natural color rendering and promising safety to surgeons
- High power laser head for extended life time

TOUCH USER INTERFACE

- Custom positioned wide touch screen display offer better visibility even in dark room condition
- Easy to operate, all parameters in one screen



DELIVERY DEVICES

Slit Lamp Adapter	
Spot size	Continuously variable spot size from 50 to 500 micron
Safety Filter	Clear laser safety filter for surgeon's eye protection
Adaptable Slitlamps ¹	Hawk -i Slitlamp, most top and bottom illuminated
Standard Accessories	Fiber optic cable, Tonometer mount for adaptor



Laser Indirect Ophthalmoscope

FEATURES	Indirect ophthalmoscope	Keeler Vantage Plus
	Illumination	Enhanced LED rendering natural color
	Spot Size	1100 um
	Working distance	280mm ±20%
	Safety Filter	Clear laser safety filter for surgeon's eye protection Wireless Indirect with seamless 90 minutes operation at max. illumination power
	Standard Accessories	Fiber optic cable (5m), Wall mounted wireless charger, spare battery



Endoprobes

FEATURES	Endoprobe gauge	20G, 23 G & 25G
	Variants	Straight, Angled & Directional



Microscope Safety Filter

Adaptable Microscopes ¹	ZEISS Models: OPMI -1 FR PRO, OPMI -1 FR, OPMI -1FC, LUMERA I, LUMERA -700, OPMI - MDO, OPMI - MDO XY, VISU -160, OPMI - PICO, VISU - 200, VISU -210, OPMI - I LEICA - F12
Safety Filter	Clear laser safety filter for surgeon's eye protection



Optional Accessories:

Volk Lenses: Super quad 160, Area centralise, 90D, 20D, 3 mirror Gonio lenses & other lenses if needed

¹Contact Aurolab representative for more details