



# ***aurolase 532***

GREEN LASER PHOTOCOAGULATOR

*Compact, portable and affordable*

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

- *Precision laser delivery system with slit-lamp adaptor, laser indirect ophthalmoscope and endoprobe*
- *Consistent and stable laser power delivery*
- *Simple and user friendly interface*
- *Smart delivery system detection*
- *Instant power delivery at the press of foot switch*
- *High visible laser safety filter for surgeon's eye protection*
- *Extended life time and requires low maintenance*

DELIVERY DEVICES

Slit Lamp Adaptor	
Spot size	Continuously variable spot size from 50 to 500 micron
Safety Filter	Clear laser safety filter for surgeon's eye protection
Adaptable Slitlamps <sup>1</sup>	Most of the top and bottom illuminated
Standard Accessories	Fiber optic cable, Tonometer mount for adaptor



## Laser Indirect Ophthalmoscope

FEATURES	Indirect ophthalmoscope	Heine omega 500
	Spot size on retinal	200 – 600 micron
	Working distance	250 – 700 mm, variable focus plane
	Safety Filter	Clear laser safety filter for surgeon's eye protection
	Standard Accessories	Fiber optic cable, Carry case



## Endoprobes

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



## Microscope Safety Filter

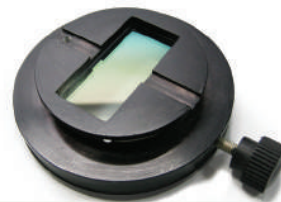
Adaptable Microscopes<sup>1</sup>

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 centralize, 90D, 20D, 3 mirror Gonio lenses & other lenses if needed

<sup>1</sup>Contact Aurolab representative for more details

## SPECIFICATIONS

### TREATMENT LASER PARAMETERS

Laser	Frequency doubled Diode pumped solid state Laser
Wavelength	532nm
Laser Module Capacity	3 W
Laser Power at delivery end (max.)	1 W
Laser Safety Class	Class IV

Treatment Laser power	50 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
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Temperature	Transport: 10 – 70 °C Operating: 15 – 35 °C
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Cooling System	Thermo-electric & Air cooling
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Display unit	640 x 480 - 6.4" LCD display LCD brightness adjustable in 10 steps
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### POWER SUPPLY

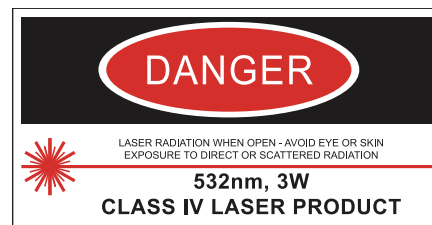
Input Voltage	90 - 240 VAC, 50 / 60 Hz
Power Consumption	300 Watt

Foot Print	H 145 X W 280 X D 315 mm
Weight	~10 kg

### DELIVERY SYSTEMS

Standard	Slit Lamp Adaptor, Laser Indirect Ophthalmoscope
Optional	Endoprobe

Standard Accessories	Foot switch, User manual, Safety goggles 2 nos., Carry case & Hand rest
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Information published in this catalogue is subject to change without notification



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