

MERILAS 532 α

GREEN LASER PHOTOCOAGULATOR

Frequency Doubled Solid State Laser Photocoagulator: Green Laser for Photocoagulation with Slit Lamp Adapter, Ophthalmoscope, and Endoprobe



Green Laser with 532 nm for

- All retinal photocoagulation procedures
- Iridotomy
- ALT Argon Laser Trabeculoplasty

MERILAS 532 α - the smart choice

- Small, portable, and light weight unit
- Ease of use due to Graphical User Interaction
- Quiet operation
- User interface detachable for user convenience
- Low maintenance requirements and long service life due to diode pump technology



Slitlamp Adapter



Combination with Nd:YAG

Slit Lamp Adapter

- Best suited for performing retinal photocoagulation procedures and ALT
- Large range slit lamp adapter
- Directly linked to the illumination path of the slit lamp – no additional obstacle between slit lamp front lens and patient eye
- Safe treatment due to internal beam path – no external parts which can get misaligned
- Also for combination with Microruptor V Nd:YAG

Laser Indirect Ophthalmoscope

- Best suited for treating retinopathy of prematurity
- Ideal for treating patients in a supine position
- Fully enclosed optic for optimal protection



Endoprobe



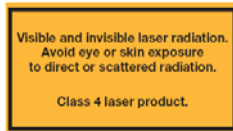
Laser Indirect Ophthalmoscope

Endoprobes

- For endophotocoagulation procedures
- Straight and angled probes available
- Safety filters for full protection available
- SMA connector offers freedom of choice

SPECIFICATIONS

Product Name	MERILAS 532 α
Treatment Laser Wavelength	532nm
Treatment Laser Class	IV
Supply Voltage	90–250VAC 50/60Hz
Protection Class	I, Type B
Power Consumption	250W
Cooling	Thermo Electrical (no fan)
Noise level	near 0 dB
Maximum Output Laser Power (at the end of the optical fibre)	2000mW
Pulse Duration	10ms–5s
Delivery Systems	Slit Lamp Adapter Ophthalmoscope LIO Endofiber (SMA)
Spotsize Slitlamp Adapter	50 to 5000 μ m
Aiming Beam Laser Wavelength	635nm
Aiming Beam Laser Power	Adjustable 0.1-1mW
Aiming Beam Laser Class	II
Dimensions	100(H)x215(W)x285(D)
Weight	7kg



MERIDIAN range of products:

MERILAS 532 α : the 532nm – Green Laser
MICRORUPTOR V: the QSW – Nd:YAG Laser

Distributed by

The new α line of ophthalmic lasers got designed for optimised ease of use, treatment efficiency, and safety. With its small size and weight it is the ideal unit for the environment where high performance combined with tight space requirements is mandatory.

The novel “Smart Cool” cooling system uses no noisy cooling fan. No disturbance to you or your patient.

Even with its small size and footprint the MERILAS 532 α got equipped with a detachable user interface with colour touch screen and graphic user guidance.



Easy to operate- and detachable user interface

MERIDIAN has been designing, manufacturing, and maintaining ophthalmic lasers for more than twenty years.

Since the introduction of the first Nd:YAG laser by Prof. Fankhauser, University of Berne Eye Clinic, Thun has become the place where superior ophthalmic lasers get designed.

A worldwide distributor network ensures comprehensive service support throughout the world. See www.meridian.ch for details.

MERIDIAN - lasers Made in Switzerland



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