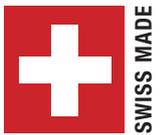


GREEN LASER
PHOTOCOAGULATOR



MERILLAS 5320x

MERIDIAN
CREATED WITH AN EYE TO YOUR NEEDS



MERILAS 532 α

GREEN LASER PHOTOCOAGULATOR

THE PROFESSIONAL FREQUENCY DOUBLED SOLID STATE GREEN LASER PHOTOCOAGULATOR FOR PHOTOCOAGULATION WITH SLIT LAMP ADAPTER, OPHTHALMOSCOPE, AND ENDOPROBE.

The new compact MERILAS 532 α for reliable and precise photocoagulation procedures. The unique thermo electrical cooling system «Smart Cool» (Pat. Pending) ensures absolutely quiet operation, without the irritating sound of a cooling fan. The detachable user interface with the new touch screen glass technology, ensures the highest convenience in operating and cleaning. The «Fast Start» software allows a quick startup within the shortest possible time.

The new α line of ophthalmic lasers were designed for optimised ease of use, treatment efficiency, and safety.

With its compact size and weight it is the ideal unit for the environment where high performance combined with low space requirements is mandatory.

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

Because of its ergonomic design the MERILAS 532 α has been nominated for the Swiss Design Prize 2007.

**design
preis
SCHWEIZ**

**Nominiert
2007**



The easy to operate detachable user interface can be placed up to 1 meter away from the laser

MERILAS 532 α – the green 532 nm laser for

- All retinal photocoagulation procedures
- Iridotomy
- Laser Trabeculoplasty

MERILAS 532 α – the smart choice

- Small, portable, and light weight unit
- Ease of use due to graphical user interaction
- «Fast Start» software for shortest possible setup time
- Quiet operation (0 dB) without the noise of a cooling fan
- User interface detachable for user convenience with glass touch screen, easy to clean and highly resistant
- Low maintenance requirements and long service life due to diode pump technology
- Compatible with widest range of delivery options



Ergonomic, plenty of space available and no interfering objects between the slit lamp front lens and the patient's eye.



The slit lamp adapter mounted directly in the illumination path of the slit lamp...



...and mounted in the slit lamp adapter holder.

Slit lamp adapter

- Best suited for performing retinal photocoagulation procedures, iridotomy and Laser Trabeculoplasty
- Directly linked to the illumination path of the HAAG-STREIT BM 900 and BQ 900 slit lamp – no additional obstacle between slit lamp front lens and patient's eye
- Safe treatment due to internal beam path – no external parts which can be misaligned

Laser Indirect Ophthalmoscope LIO 500

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

Endoprobes

- For endophotocoagulation procedures
- Straight and angled probes available
- Safety filters for full protection available

User protection filters

- Unique «Clear View» user protection filter for highest visibility and low colour distortion available for HAAG-STREIT slit lamps and a large range of surgical microscopes
- Active (motor driven) user protection filter available for HAAG-STREIT slit lamps and a range of surgical microscopes.

Optional Accessories

- Mounting set for MICRORUPTOR V
- Safety goggles
- HAAG-STREIT laser contact lenses

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

Since the introduction of the first Nd:YAG laser by Prof. Fankhauser, University of Berne Eye Clinic in 1982, Thun has become the place where superior ophthalmic lasers are designed and built. A worldwide distributor network ensures comprehensive service support throughout the world.

See www.meridian.ch for details.

MERIDIAN IS PARTNER OF



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SPECIFICATIONS

MERILAS 532 α

Part No. 100470

Treatment Laser Wavelength: 532 nm
Treatment Laser Class: IV
Supply Voltage: 90 – 260 VAC 50/60 Hz
Protection Class: I, Type B
Power Consumption: 250W
Cooling: Thermo electrical
Maximum Output Laser Power: 2000mW / 2500mW (at the end of the optical fibre)
Pulse Duration: 10ms – 5 s
Delivery Systems: Slit lamp adapter, Ophthalmoscope LIO, Endo fibre (SMA)
Aiming Beam Laser Wavelength: 635 nm
Aiming Beam Laser Power: 0.01 – 1mW adjust.
Aiming Beam Laser Class: II
Dimensions: 105 (H) x 220 (W) x 250 (L)
Weight: 7 kg
Packaging: Protective carrying/storage case (incl.)

OPTIONAL ACCESSORIES

SLIT LAMP ADAPTER for HAAG-STREIT

Part No. 340835

Suitable for HAAG-STREIT BQ and BM 900 slit lamps, directly linked into the illumination path of the slit lamp, spot size: 50 μ m to 5000 μ m

USER PROTECTION FILTERS **Part No.**

Passive for BQ 900	340843
Active for BQ 900	340850
Passive for BM 900	340845
Passive for Zeiss/Moeller Wedel	340833
Active for Zeiss/Moeller Wedel	340849
Passive for Leica	340846
Active for Leica	340848

SLIT LAMP ADAPTER HOLDER

Part No. 311070

SLIT LAMP ADAPTER UNIVERSAL

Part No. 340847

Suitable for mounting on the tonometer pin of slit lamps, spot size: 50 μ m to 1000 μ m

LASER INDIRECT OPHTHALMOSCOPE LIO 500

Part No. 340851

Including illumination-kit, spot size: 1 mm (without laser lens)

LASER LENSES HAAG-STREIT **Part No.**

CGIL, Iridectomy	7200194
CGAL, Gonioscopy	7200195
CGPL, Capsulotomy	7200196
CGRL, Retina	7200197
CGVL, Vitrectomy	7200198

OTHER HAAG-STREIT ACCESSORIES

Available upon enquiry, MERIDIAN is partner of HAAG-STREIT INTERNATIONAL

ENDO PROBE

Straight 200 μ m Core Diameter

Part No.

640700

ENDO PROBE

Curved 200 μ m Core Diameter

Part No.

640701



The Merilas 532 α in combination with the MICRO-RUPTOR V makes a combination unit with the most ergonomic Nd:YAG laser available.



Caution: Federal law restricts this device to sale by or on the order of a physician.

MERIDIAN RANGE OF PRODUCTS

MICRORUPTOR V:	Nd:YAG Laser
MERILAS 532α:	Green Laser Photocoagulator

Your distributor:

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 Fax +41 (0) 3333 4 1119
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