MERILAS 532α
GREEN LASER PHOTOCOAGULATOR

The new compact MERILAS 532α 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 532α is equipped with a detachable user interface with colour glass touch screen and graphic user guidance.

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

MERILAS 532α – the green 532 nm laser for
- All retinal photocoagulation procedures
- Iridotomy
- Laser Trabeculoplasty

MERILAS 532α – 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
Slit lamp adapter
- Best suited for performing retinal photoocoagulation 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

Endoproses
- 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

MERIDIAN
CREATED WITH AN EYE TO YOUR NEEDS
SPECIFICATIONS

MERILAS 532α
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 µm to 5000 µm

USER PROTECTION FILTERS
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 µm to 1000 µm

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
CGRIT, Retina 7200197
CGVL, Vitrectomy 7200198

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

ENDO PROBE
Part No. 640700
Straight 200 µm Core Diameter

ENDO PROBE
Part No. 640701
Curved 200 µm Core Diameter

The Merilas 532α in combination with the MICRORUPTOR V makes a combination unit with the most ergonomical 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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