



Auriga QI[®]

The 30-watt holmium laser
Quality in an Intelligent package





About StarMedTec

Our goal is to meet the demands of doctors for efficient surgical lasers that cover a wide range of therapy options.

The innovative laser systems provided by StarMedTec GmbH offer numerous advantages for doctors and patients. Low-impact treatment achieves significant improvements in terms of health and quality of life.

With know-how accumulated over more than 20 years and a large installed base, StarMedTec is the technology leader in the holmium laser segment. More than 1,000 standalone and desktop lasers have been successfully deployed around the world.

Our company stands for the development and production of trendsetting and reliable laser systems – made in Germany. Among other things, the world's first 1.9 μm thulium laser for medical use came from StarMedTec.

Thanks to a global network of competent service and distribution partners, we guarantee optimum conditions for the highest customer satisfaction.



Quality in an Intelligent package

Technology made in Germany



- Optimized ergonomics
- Can be integrated into common operating room carts and ceiling fixtures

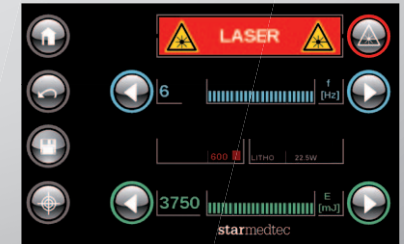
$\left(\frac{30 \text{ Watt}}{70 \text{ dm}^3} + \text{holmium} \right) \times \text{StarMedTec technology} = \text{Auriga QI}^\circ$



- Intuitive user guidance
- Self-explanatory symbols for treatment selection
- Touch screen



- Made in Germany
- Automatic fiber recognition
- Reliable application, even at high ambient temperatures



- Full 30 watts at the fiber end
- 4 joules max. pulse energy
- Laser parameters optimized for treatment

The holmium specialist

Versatile applications and accessories

The AURIGA QI® is the ideal laser for applications in urology and other medical fields (e.g. ENT, orthopedics, gastroenterology)

Lithotripsy

- Stones of all sizes, regardless of their composition
- All endoscopic methods
- In the entire urinary tract
- Stone dusting

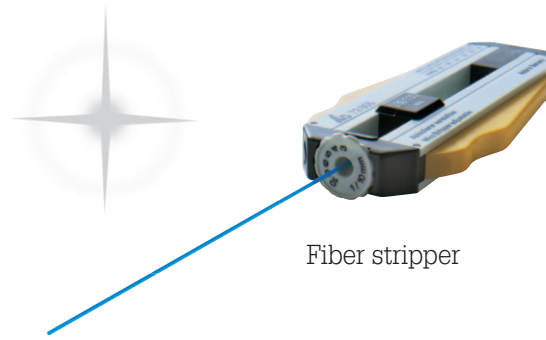
Bladder neck incision

Ablation / coagulation of condylomas, tumors

Vaporization of neoplasias and tumors

Treatment of strictures

Nasal concha reduction, tonsillectomy, polyps



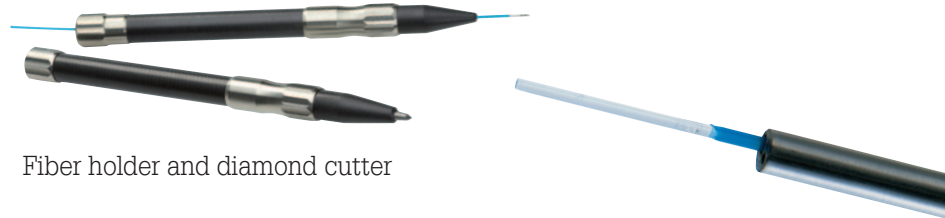
Fiber stripper



Fiber for flexible ureterorenoscope



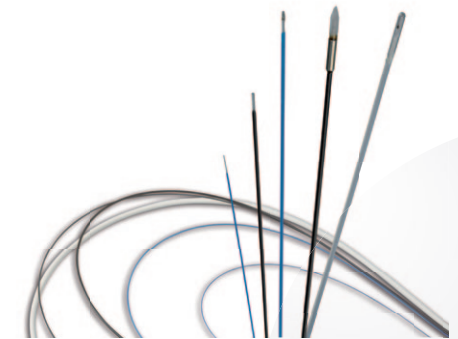
Reusable bare fibers



Fiber holder and diamond cutter



Fiber for rigid ureterorenoscope



Disposable and reusable fibers, side-fire and LITT applicator

The formula for success

$$\left(\frac{30 \text{ Watt}}{70 \text{ dm}^3} + \text{holmium} \right) \times \text{StarMedTec technology} = \text{Auriga QI}^{\circledR}$$

The Auriga QI[®] holmium laser is the most powerful desktop laser system with the smallest device size.

At the end of the applicator, the user has the chosen output available with no loss. That means the Auriga QI[®] is up to 20% more effective than other lasers.

This ingenious treatment system combines bundled know-how with decades of experience accumulated by StarMedTec GmbH. Naturally, this product is also developed and produced in Germany.

Thanks to easy handling and ultimate reliability, the Auriga QI[®] is the ideal laser for all surgical applications, especially in the field of urology. The Auriga QI[®] can be integrated into all common operating room carts and ceiling fixtures.

Self-explanatory symbols on the color touch screen make it easy to select the planned treatment. Optimized laser parameters to ensure the best possible treatment results are preset in the device for lithotripsy, ablation, coagulation and LITT. Automatic fiber recognition enhances application safety for the doctor as well as the patient. Only parameters that are allowable for the respective fiber size are automatically released. This function prevents damage to the fiber and the device.





Setting standards

For the physician and the patient

Physician

- ✓ Desktop device for integration into all common operating room carts and ceiling fixtures
- ✓ Green aiming beam for enhanced contrast
- ✓ Safety due to automatic fiber recognition
- ✓ Flexibility thanks to a wide range of fibers
- ✓ Efficient and time-saving treatment with high energy at the fiber end
- ✓ High success rate for all stone types and sizes
- ✓ Effective treatment of soft tissue in cutting and coagulation
- ✓ Small investment, economical to maintain

Patient

- ✓ High stone elimination rate in one session
- ✓ Low-impact, safe treatment
- ✓ Short hospital stay
- ✓ Minimally invasive treatment strategy
- ✓ Established treatment method

Auriga QI®

Technical data



Laser data	
Laser type	Holmium laser
Wavelength	2.1 µm
Output (max.)	30 W
Pulse energy	200–4.000 mJ
Pulse duration	200–500 µs
Aiming beam, green	523 nm, <1 mW, can be fine-tuned
Device data	
Mains supply	200–264 VAC 50 Hz, 200–242 VAC 60 Hz, 16 A (max. 3 kW)
Display	WVA color display (wide view angle)
Cooling	Maintenance-free, closed cooling system
Dimensions (WxDxH)	52 x 51 x 29.5 cm³
Weight	42 kg
Fibers	230–800 µm bare fiber Side-fire fiber + LITT applicator
Standards and regulatory approvals	
Laser class	4
Regulatory approval	EC Medical Device Directive 93/42/EEC
Quality management	DIN EN ISO 13485

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