

# THULIUM LASER FIBERS

S-E-E™  
Safe-Efficient-Effective



## PERFORMANCE

MED FIBERS products exactly match the highest standards of optical specifications, such as spot size, laser beam focal point for the existing laser families on the worldwide market.

## RELIABILITY

MED FIBERS Laser Fiber devices are guaranteed compatible for safe and effective use with all FDA approved lasers systems on the market (excluding those with RFID connectors). All devices are FDA cleared.

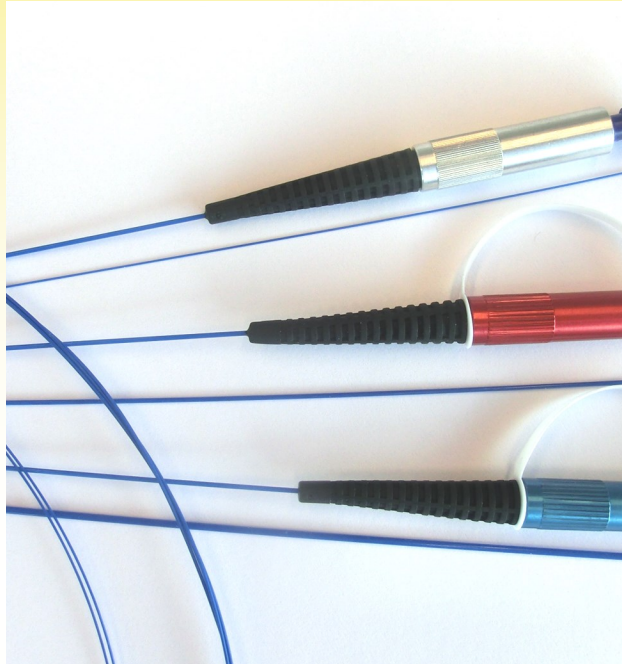
- FDA 510(k): K 124003
- ISO 13485:2016
- CE 0459

## QUALITY

MED FIBERS Laser Fiber delivery systems are manufactured to provide optimum performance and 100% quality inspected before leaving production. Our products are made in the USA.

**QUALITY ENFORCEMENT  
IS OUR MOTTO!!**

## MED FIBERS, Inc. THULIUM FIBERS



### MED FIBERS THULIUM LASER FIBERS

TFL machines (**Thulium Fiber Lasers**), due to their mechanism, can achieve a higher pulse frequency of up to 2400 Hz. These higher frequencies combined with the lower energy pulse of the TFL, could potentially **provide better dusting capabilities** when compared with the Ho:YAG laser.

Pulsed wave lasers, such as the Ho:YAG laser and the TFL, allow for a more efficient lithotripsy. However, only the TFL is able to emit laser radiation in quasi-continuous wave mode or super pulsed mode which could provide enhanced coagulation and hemostasis in soft tissue, which would expand its use for applications in urology surgery.

### MED FIBERS THULIUM FIBER OVERVIEW:

#### 150/180

Blue jacket fiber, OD 350 micron

#### 272/300

Blue jacket fiber, OD 450 micron

#### 365/400

Blue jacket fiber, OD 580 micron

#### 550/600

Blue jacket fiber, OD 750 micron

#### 600/660

Blue jacket fiber, OD 920 micron

#### 800/880

Blue jacket fiber, OD 1180 micron

#### 1000/1100

Blue jacket fiber, OD 1450 micron

AVAILABLE IN SINGLE USE AND REUSABLE

**MED FIBERS, Inc.** with its key management and the combined optical glass, and optical fiber experience is your partner for the next generation of technology. The permanent performing product improvements will provide you with the quality you expect from your vendor, and we will be the **BEST** partner for:

- **CUSTOMER SERVICE RESPONSE TIME**
- **LEAD TIME**
- **PRODUCT QUALITY**

Our technicians are selected and trained on an ongoing basis for the understanding of work performance, product handling and the importance of **Customer Satisfaction**. We as a team are on a **24/7** stand by for all of your requests and as your support team to provide you with solutions.

**MED FIBERS, Inc.** provides you with the highest standard of laser fiber devices with affordable prices and the shortest delivery times on the market. This includes custom made and custom labeled fibers.

**QUALITY ENFORCEMENT IS OUR MOTTO AND WE GUARANTEE YOU RECEIVE THE BEST AVAILABLE PRODUCT WITH THE MOST COMPETITIVE PRICES. SPECIAL CUSTOM MADE ASSEMBLIES INCLUDING STERILIZATION IN LESS THAN 7 DAYS DELIVERY TIME.**





### DESIGN & ENGINEERING

MED FIBERS laser delivery devices are 100% German designed and engineered. Core, cladding and jacket materials have been selected for their biocompatible properties.

### MANUFACTURING

MED FIBERS laser delivery devices are produced in our State of the Art facility in Arizona, with 0% tolerance of failure rates and the devices have the tightest tolerances on concentricity on small diameter fibers on the market.

### TURNKEY SOLUTIONS

MED FIBERS experienced team, with more than 50 years of combined optical fiber knowledge, will support you in all of your projects and assists you in less than 24 hours response time. Your and our idea and our quick product solution, can help you to introduce your next product quicker into the market.

For more information on any of our products or services please visit us on the web at:

[WWW.MED-FIBERS.COM](http://WWW.MED-FIBERS.COM)

## SERVICE FEATURES AND BENEFITS



**MED FIBERS, Inc.** laser fiber delivery systems are in production laser tested for internal validation of the assembly performance.

This gives us the opportunity to verify our **0% tolerance failure rate**. With those steps, we can minimize the energy loss due to decreased energy transmission, decrease the possibility effecting safety and increase the clinical effectiveness. With those internal requirements MED FIBERS **prevents reduced energy transmission** getting delivered to the tissue. Our products also prevent that energy may leak which causes damage to the laser, the delivery device itself, the scope and also prevents that patient or the operator could be burned.

Our product performance **increases the reuse of reusable fibers**.

For questions, please contact our technical department or sales support team which will provide you with satisfied answers.

\* Please follow the reuse instructions provided for best fiber performances and maximum use of our products.

## THULIUM LASER FIBER SPECS

- **MF 150/180 SBT**, hard clad / tefzel, blue jacket, n/a 0.22, 3 meters, OD 350 microns, SMA 905 connector, single use or reusable, sterile
- **MF 272/300 SBT**, silicone / tefzel, blue jacket, n/a 0.22, 3 meters, OD 450 microns, SMA 905 connector, single use or reusable, sterile
- **MF 365/400 SBT**, silicone / tefzel, blue jacket, n/a 0.22, 3 meters, OD 580 microns, SMA 905 connector, single use or reusable, sterile
- **MF 550/600 HCT**, hard clad / tefzel, blue jacket, n/a 0.22, 3 meters, OD 750 microns, SMA 905 connector, single use or reusable, sterile
- **MF 600/660 SBT**, silicone / tefzel, blue jacket, n/a 0.22, 3 meters, OD 920 microns, SMA 905 connector, single use or reusable, sterile
- **MF 800/880 SBT**, silicone / tefzel, blue jacket, n/a 0.22, 3 meters, OD 1180 microns, SMA 905 connector, single use or reusable, sterile
- **MF 1000/1100 HCT**, hard clad/ tefzel, blue jacket, n/a 0.22, 3 meters, OD 1450 microns, SMA 905 connector, single use or reusable, sterile

OTHER DIMENSIONS AVAILABLE ON SPECIAL REQUEST

#### Headquarter:

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Phone: +1 (480) 598 4090  
Fax: +1 (480) 940 1049  
Email: [info@MED-FIBERS.com](mailto:info@MED-FIBERS.com)

#### European Representative :

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1100 Vienna, AUSTRIA  
Phone: +43 01/99460-6995  
Email: [office@tlasersol.com](mailto:office@tlasersol.com)



### SERVICES AVAILABLE

#### Technical Support

Phone: +1 (480) 598 4090 ext. 625

#### Customer Support / Clinical Support

Phone: +1 (480) 598 4090 ext. 630

#### General Support / Administration

Phone: +1 (480) 598 4090 ext. 632

#### Quality Department

Phone: +1 (480) 598 4090 ext. 633

#### Financial Department

Phone: +1 (480) 598 4090 ext. 631

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