

# EndoBeam® 200 MICRON SINGLE-USE

## HOLMIUM LASER FIBER

### Don't be fooled. No 200 micron laser fiber is built like another.

Smaller micron laser fibers are intended to offer enhanced deflection and greater versatility within procedures. How can you be sure the 200 micron fiber you have chosen truly offers the deflection and power you need and expect?

The ENDOBEAM® 200 Single-Use Laser Fiber is a 200 micron fiber that offers true sizing for a high degree of deflection with strong power output.

### True sizing for true results.

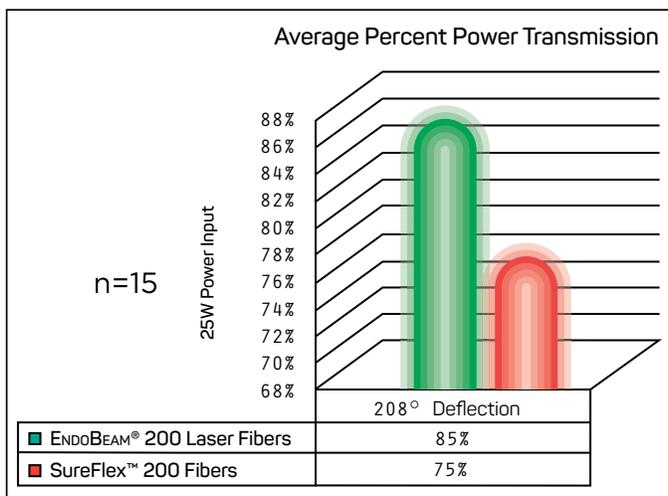
The size of most laser fibers is determined by the core diameter of the fiber. The ENDOBEAM® 200 Single-Use Laser Fiber is considered a "true" 200 micron fiber in that its glass core measures 200 microns. The core of the market-leading 200 micron laser fiber doesn't.

The Boston Scientific SlimLine EZ™ 200 Laser Fiber, manufactured by Lumenis, has a core diameter of 272 microns and an outer diameter of 450 microns, as compared to the ENDOBEAM® 200 Single-Use Fiber which measures 200 microns at the core and has a maximum outer diameter of 375 microns.



### High degree of deflection with strong power output.

The ENDOBEAM® 200 Single-Use Fiber demonstrated on average, up to 10% greater power transmission at deflection over the AMS SureFlex™ 200 Single-Use Fiber in bench-top testing.\*



In the same model, 25% of SureFlex™ 200 Single-Use Fibers demonstrated breakage at the apex of the deflection curve and failed to transmit power into the distal tip. There were no fiber failures among ENDOBEAM® 200 Single-Use Fibers.\*

When it comes to 200 micron laser fibers, the choice is clear. The ENDOBEAM® Holmium Laser Fiber offers true sizing for a high degree of deflection with strong power output.

\*Bench data on file, C. R. Bard, Inc. May not correlate to clinical performance.

# EndoBeam®

HOLMIUM LASER FIBER

Discover the benefits of the entire line of ENDOBEAM® Holmium Laser Fibers.

- Designed to deliver focused Holmium energy for endoscopic procedures
- Compatible with SMA-905 Holmium laser generators
- True 200 micron fiber offers high degree of deflection with strong power output
- Single-use 365 microns fiber has been designed with a reduced outer diameter for improved deflection and procedural versatility
- Available in a full range of sizes to meet procedural needs

## Ordering Information

| Order No.  | Description   | Package |
|--|---|---------|
| <b>ENDOBEAM® Single-Use Holmium Laser Fibers</b> |   |         |
| SU0200   | 200µ Single-Use Holmium Laser Fiber                             | Box/3   |
| SU0272   | 272µ Single-Use Holmium Laser Fiber                             |         |
| SU0365   | 365µ Single-Use Holmium Laser Fiber with reduced outer diameter |         |
| SU0550   | 550µ Single-Use Holmium Laser Fiber                             |         |
| SU1000   | 1000µ Single-Use Holmium Laser Fiber                            |         |
| SU0200EL   | 200µ Single-Use Holmium Laser Fiber (Extended Length)           |         |
| SU0272EL   | 272µ Single-Use Holmium Laser Fiber (Extended Length)           |         |
| SU0365EL   | 365µ Single-Use Holmium Laser Fiber (Extended Length)           |         |
| SU0550EL   | 550µ Single-Use Holmium Laser Fiber (Extended Length)           |         |
| SU1000EL   | 1000µ Single-Use Holmium Laser Fiber (Extended Length)          |         |
| <b>ENDOBEAM® Reusable Holmium Laser Fibers</b>   |   |         |
| RU0272   | 272µ Reusable Holmium Laser Fiber                               | Single  |
| RU0365   | 365µ Reusable Holmium Laser Fiber                               |         |
| RU0550   | 550µ Reusable Holmium Laser Fiber                               |         |
| RU1000   | 1000µ Reusable Holmium Laser Fiber                              |         |
| <b>Laser Fiber Accessories</b>                   |   |         |
| ST0200   | 200µ Autoclavable Stripping Tool                                | Single  |
| ST0272   | 272µ Autoclavable Stripping Tool                                |         |
| ST0365   | 365µ Autoclavable Stripping Tool for Reusable Fiber             |         |
| ST0365S  | 365µ Autoclavable Stripping Tool for Single-Use Fiber           |         |
| ST0550   | 550µ Autoclavable Stripping Tool                                |         |
| ST1000   | 1000µ Autoclavable Stripping Tool                               |         |
| CL0001   | Autoclavable Cleaving Tool                                      |         |

For additional information contact your local Bard representative or call 1.800.526.4455.

## BARD | MEDICAL

C. R. Bard, Inc.  
 Bard Medical Division  
 Covington, GA 30014  
 800.526.4455  
 www.bardmedical.com

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The BARD® ENDOBEAM® Holmium Laser Fibers are indicated for a variety of surgical uses including open, laparoscopic, or endoscopic ablation, incision, excision, vaporization, and coagulation of soft and cartilaginous tissue and in surgical procedures involving vaporization, ablation and fragmentation of calculi. The delivery system may be used in surgical specialty procedures for which compatible Holmium and Nd:YAG lasers have received regulatory clearance.

The devices are contraindicated for treatment of patients for whom endoscopic procedures are not recommended.

Warnings: 1) Improper use of the device or use of a damaged device may result in severe eye or tissue damage, accidental laser exposure to the treatment room personnel or patient which may result in severe burns to the user or patient, and fire in the treatment room. Ensure that all procedure room personnel wear appropriate protective eyewear during the delivery of laser energy. Failure to do so may result in injury. 2) Baskets, guidewires and other ureteroscopic accessories may be damaged by direct contact with the laser treatment beam. Fiber should not be clamped with forceps or other securing instruments as it may result in fiber damage or breakage. 3) Do not bend fiber at sharp angles. If visible light (aiming beam) can be seen leaking from the fiber, fiber failure may result when therapeutic energy is applied as the fiber is deflected beyond the optical limits of total internal reflection. 4) For the single-use laser fiber, do not sterilize any portion of the device. Reuse and/or repackaging may create a risk of patient or user infection, compromise the structural integrity and/or essential material and design characteristics of the device, which may lead to device failure, and/or lead to injury, illness or death of the patient. The reusable laser fibers must be thoroughly cleaned and sterilized before reuse.

Precautions: 1) Do not apply excessive force to the tip of the fiber as breakage may result. 2) Begin lasing at the lowest possible power/energy setting to achieve the desired effect. Use lower power levels and shorter pulses to familiarize yourself with the operation of the BARD® ENDOBEAM® Holmium Laser Fiber. High power/long duration of laser energy while placing the tip in contact with tissue may damage or significantly reduce the life of this product. 3) Direct contact by laser beam may cause damage to guidewires, baskets or other ureteroscopic accessories. 4) If fiber tip is visibly damaged or requires excessive amounts of energy to affect coagulation or vaporization, discontinue use and replace with a new fiber for optimum results. If desired, strip and cleave the fiber as outlined in the "Instructions for Stripping and Cleaving" and "Fiber Output Test" sections of this IFU. 5) DO NOT exceed the recommended power levels when utilizing the BARD® ENDOBEAM® Holmium Laser Fiber. 6) Check the device for completeness once removed from patient.

Potential adverse effects associated with Holmium laser fibers include, but are not limited to, perforation, hematoma, vasovagal response, infection, thermal damage, edema, bleeding, discomfort, hypertension, delay in healing, post-procedure fever and leukocytosis.

Please consult product insert for more detailed safety information and instructions for use.

GUIDEWIRES