AccuMax™

Single-Use Holmium Laser Fiber

Flexible
to the Core

Boston Scientific

Delivering what's next.™

AccuMax™ Single-Use Holmium Laser Fiber

The AccuMax Single-Use Holmium Laser Fiber is designed to reduce potential fiber failures from handling and sterilization damage common with reusable fibers.

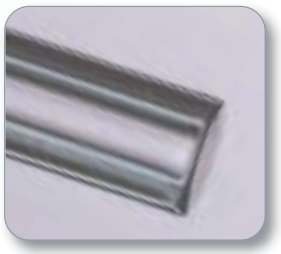
Laser compatibility is a key component of laser fiber performance, therefore AccuMax Fibers are recommended for use on Dornier and New Star Laser Systems.

AccuMax 200 Fibers are designed for optimum performance during flexible ureteroscopy, offering a high degree of flexibility, durability and visibility.

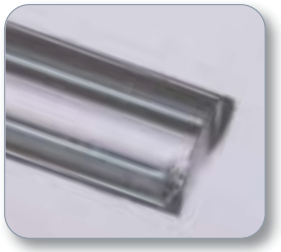
Polished Output Tip

Designed to remove sharp edges and reduce imperfections which can occur from mechanical or hand cleaving.

- Damaged output tips can result in redirection or reflection of laser energy away from the fiber tip and potential for decreased output efficiency.[1]



AccuMax 1000 Fiber



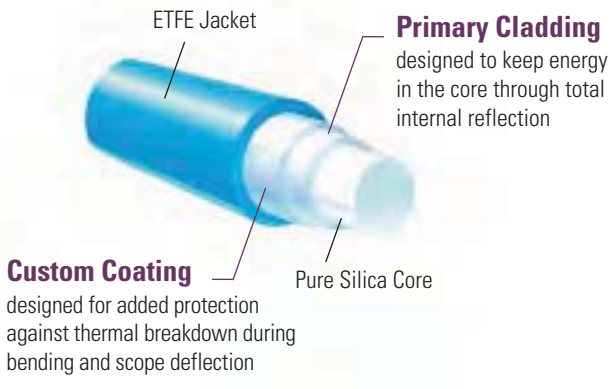
Dornier Brand DUR1000D Fiber

Both fibers shown at 15x actual diameter.
Both fibers are brand new, out of the package.

Improved Durability

Custom construction and materials are designed to reduce thermal breakdown and scope damage in flexible ureteroscopies.

- The AccuMax 200 Fiber can withstand a 1.0cm bend diameter when used on a Dornier Medalis H laser at 1.5J and 10 Hz.*



High Output Efficiency

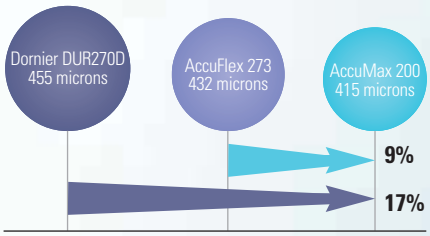
AccuMax™ 200 Fiber is 25% more efficient than the AccuFlex® 200 Fiber when tested on a Dornier Medalis H laser at 15W resulting in increased energy delivered to the stone or treatment site.*

- Performance and design of fibers vary by manufacturer. Tapered connector designs can be used in smaller core fibers as a way to facilitate high output efficiency, however they alter the laser light from the laser, potentially resulting in fiber overfill and an increased potential for fiber breakage, especially when deflected.[2]
- The non-tapered **AccuMax Guided Connector** is designed to
  - direct laser energy towards the core for **high output efficiency** and
  - diffuse errant energy within the connector that may cause overfill

Custom Guided Connector
with polished end designed to deliver high output efficiency and consistent performance

Irrigation and Visibility

Smaller OD fiber designed to increase irrigation and visibility.



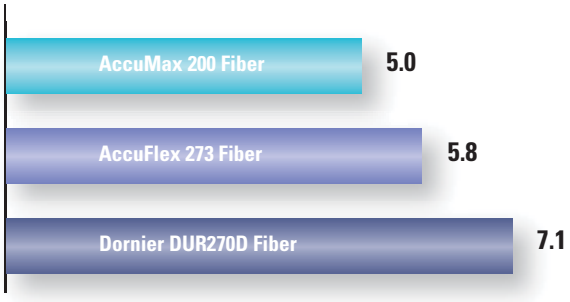
Reduction in Cross Sectional Area*
Fiber ODs shown at 400% enlargement

Full Deflection

AccuMax 200 Fiber deflects 270 degrees in a Storz Flex-X®2 Ureteroscope, facilitating the ability to reach all areas of the renal pelvis during flexible ureteroscopy.*

- Fiber flexibility is an important variable in terms of accessing renal stones and improving ureteroscope deflection longevity.[3]

AccuMax 200 Fibers were shown to be 30% more flexible than Dornier DUR270D fibers* (grams force)



AccuMax 200 Fiber
in a fully deflected ACMI DUR®-8 Elite

* Bench testing results on file with Boston Scientific. Bench test results may not necessarily be indicative of clinical performance.

AccuMax™ Single-Use Holmium Laser Fiber

Product Code	Description	Maximum Input Wattage	Units
M006**840401**0	AccuMax 200	20 watts	Each
M006**840401**2	AccuMax 200	20 watts	Box/5
M006**840402**0	AccuMax 365	100 watts	Each
M006**840402**2	AccuMax 365	100 watts	Box/5
M006**840403**0	AccuMax 550	100 watts	Each
M006**840403**2	AccuMax 550	100 watts	Box/5
M006**840404**0	AccuMax 1000	100 watts	Each
M006**840404**2	AccuMax 1000	100 watts	Box/5

[1] Lee, et al. Effect of Lithotripsy on Ho:YAG Optical Beam Profile, *Journal of EndoUrology*, Vol 17, No 2, 63-67, March 2003.
[2] Omar, et al. Review of Laser Fibers; A Practical Guide, *Journal of Endourology*, Vol 18, No 9, November 2004.
[3] Mues, et al. Evaluation of 24 Ho:YAG Laser Optical Fibers for Flexible Ureteroscopy, *Journal of Urology*, Vol 182, 348-354, July 2009.

Flex-X is a registered trademark of Karl Storz.
DUR is a registered trademark of Gyrus ACMI.

CAUTION: Federal Law (USA) restricts these devices to sale by or on the order of a physician. Refer to package insert provided with these products for complete Instructions for Use, Contraindications, Potential Adverse Effects, Warnings and Precautions prior to using these products.

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Boston Scientific Corporation
One Boston Scientific Place
Natick, MA 01760-1537
www.bostonscientific.com/urology

Ordering Information
1.888.272.1001

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