

EXCALIBUR™

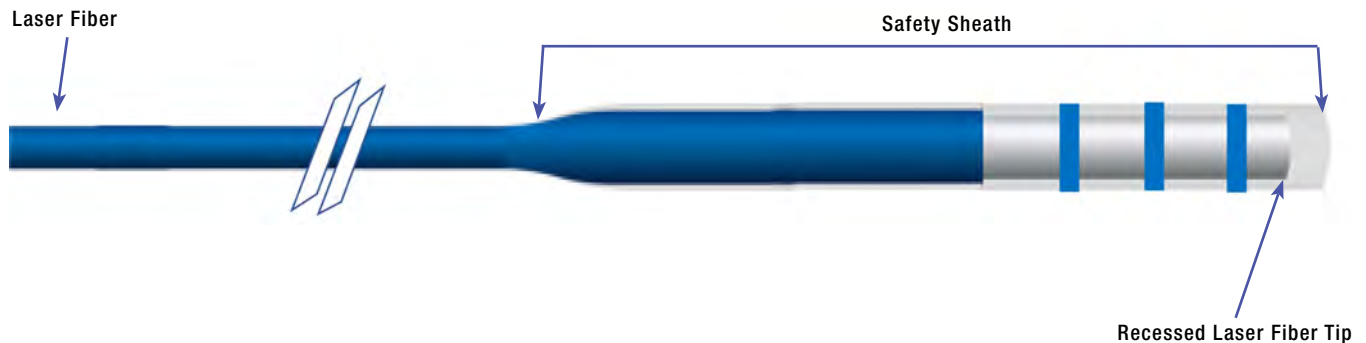
HOLMIUM LASER FIBER



Medical Device ACCESSORIES

The Excalibur holmium laser fiber with Safety Sheath, provides a recess from the fiber tip to the target tissue (i.e. stone). The advantages of the Safety Sheath are:

- Power profile ensures the power density remains constant while increasing the spot size dramatically
- Scope-friendly:
 - Fiber tip will not touch the scope's working channel, reducing scope damage
 - Passes easily through a flexed scope multiple times, eliminating the need to back out the scope for fiber insertion
- Durable: Eliminates fiber tip degradation and potential for total failure
- Ease Of Use: Provides the ability to safely touch and manipulate the stone
- Ruler: Engraved 1mm graduations along the sheath provide an effective measurement tool



[THE FORTEC ADVANTAGE]

- ✓ Avoid capital and maintenance costs
- ✓ Experienced, professional technician support
- ✓ A stable, professional partner
- ✓ Large inventory of surgical technologies

Call today

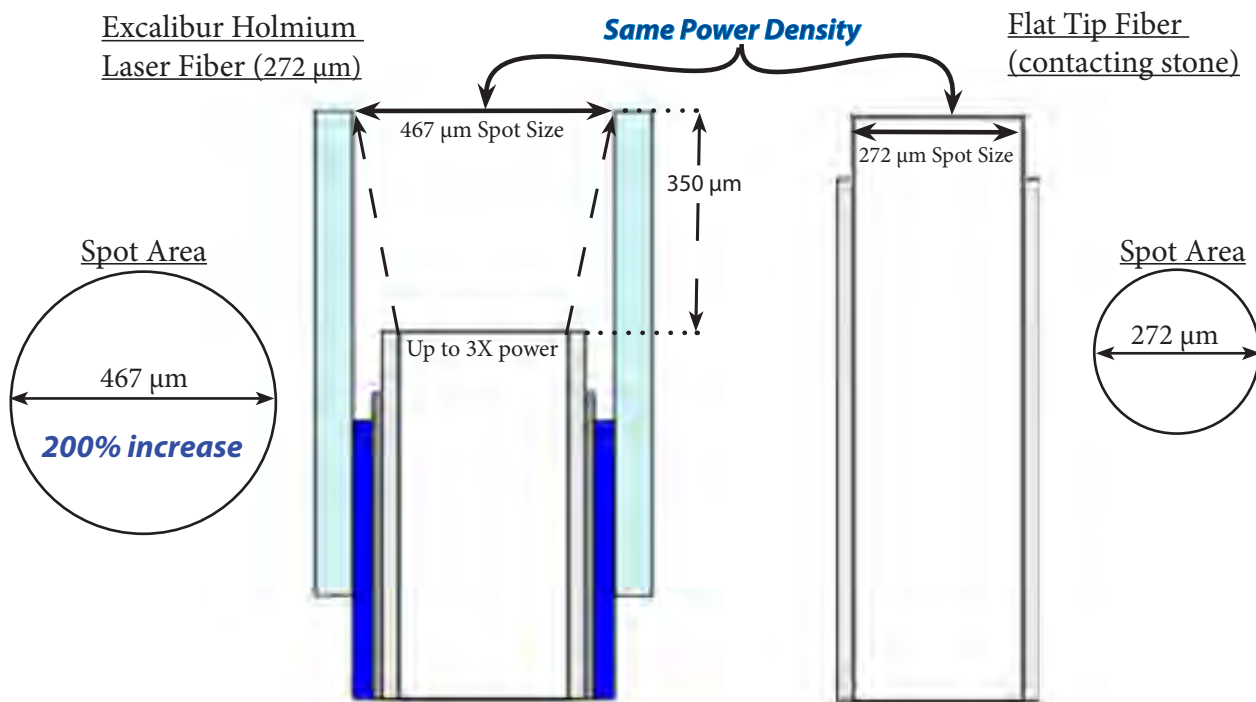
800.963.7101

Excalibur Fiber Power Profile

ForTec Medical's Excalibur Holmium Laser Fiber provides the same safety profile as current flat tip or ball tip fibers while benefiting from a host of other clinical benefits.

To keep the power density constant, the power delivered through the fiber may be increased safely relative to the size of the fiber in use, while also appreciating an increase in laser spot size. The benefit of the Excalibur fiber is that it provides a larger spot area without sacrificing power density.

$$\text{Power Density} = \text{Power}/\text{Beam Area}$$



	Excalibur 272 µm	Excalibur 200 µm	Flat Tip 272 µm
Consistent power transmission	✓	✓	x
No re-stripping or cleaving	✓	✓	x
Pass multiple times (flexed scope)	✓	✓	x
Scope-friendly	✓	✓	x
Distance stone to fiber tip	350 µm	350 µm	0 µm
Power increase to match power density	Up to 3x	Up to 2x	1x
Spot diameter	467 µm	396 µm	272 µm
Spot diameter increase	71%	46%	0%
Spot area increase	200%	100%	0%

NOTE: All power statistics and measurements were calculated by the manufacturer

