

Dornier *Medilas fibertom™ 8100*



 **Dornier MedTech**

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Dornier *Medilas fibertom™ 8100*

The Dornier Medilas *fibertom™ 8100* is an advanced surgical laser offering both versatility and enhanced safety features. Based upon the first Nd:YAG laser development over 30 years ago, Dornier expands this proven technology to create the next generation, the Medilas *fibertom™ 8100*.

Benefits of fibertom 8100

- *Proven Technology*
- *Wide Range of Applications*
- *Beam Optimization Adapters*
- *Variety of Delivery Devices*
- *Advanced Design*

Optimal Beam Focus

The universal interface of the advanced lightguide connector allows the beam quality to be optimized by selecting the adapter that corresponds to the application.

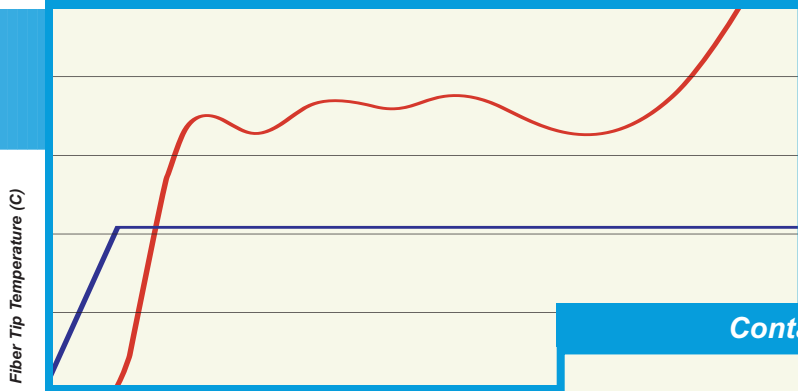
Designed for a variety of applications including non-contact and interstitial coagulation, vaporization, ablation and precision cutting, the system can be used in a variety of surgical areas including urology, gynecology, neurosurgery, orthopedics, and pediatric surgery. Additionally, the unique *fibertom™* mode and Lightguide Protection System (LPS)[™] provides unique safety features to enhance use in the clinical setting.



Treatment Flexibility

A variety of specialized laser applicators and lightguides are available for the Medilas *fibertom™ 8100* to support a spectrum of surgical procedures.

Contact Cutting: Standard Mode



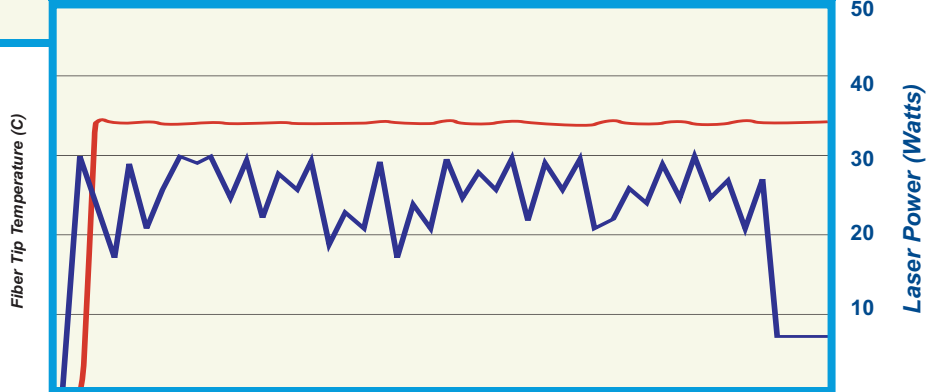
Advanced Safety Features

— Fiber Tip Temperature
— Laser Power

fibertom™ Mode

Utilizing an opto-electronic control system, *fibertom*™ mode ensures precise, consistent cutting performance by controlling the fiber tip temperature within defined limits. This feature provides a well controlled application of energy while at the same time minimizing the carbonization on the fiber tip, eliminating tissue attachment to the fiber, and preventing damage to the fiber tip.

Contact Cutting: fibertom Mode



Interstitial Thermal Therapy Mode

The laser features a special mode for interstitial thermal therapy and the coagulation of tissue. The adjustable settings make the laser adaptable for a number of procedures.



Lightguide Protection System

Patient safety is increased with Dornier's patented Lightguide Protection System (LPS). This feature detects light emissions originating from excess heat at the applicator tip preventing fiber destruction which is essential for interstitial applications.



Easy to Use

Treatment set-up is simple with the high-resolution, intuitive display. Treatment parameters are easily adjusted on the color touch screen display and the pre-defined hot-keys provide standard parameters for a variety of surgical applications.



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