**USER FRIENDLINESS**

The Cyber TM laser is easy to use with a short learning curve. The Cyber TM is quiet, energy-efficient and low-maintenance further adding to its appeal.

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Wavelength</th>
<th>2010 nm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laser Class</td>
<td>4 (IEC/EN 60825-1:2007)</td>
</tr>
<tr>
<td>Power</td>
<td>Up to 150W depending on each local clearance</td>
</tr>
<tr>
<td>Power setting</td>
<td>5W to 150W in 1, 2, 5 W increment steps</td>
</tr>
<tr>
<td>Treatment mode</td>
<td>Continuous wave or pulsed</td>
</tr>
<tr>
<td>Beam delivery</td>
<td>Wide range of flexible silica frontal and side-firing fibers</td>
</tr>
<tr>
<td>Aiming beam</td>
<td>Red (635nm) or green (532nm) on choice, (adjustable &lt;5 mW) - Class 3R</td>
</tr>
<tr>
<td>Electrical requirements</td>
<td>230/208 VAC, single phase; 50/60Hz; 16A/18A</td>
</tr>
<tr>
<td>Cooling</td>
<td>Air cooled</td>
</tr>
<tr>
<td>Noise level</td>
<td>Less than 58 dBA</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>10°C-30°C</td>
</tr>
<tr>
<td>Storage temperature</td>
<td>10°C-40°C</td>
</tr>
<tr>
<td>Humidity</td>
<td>30%-70% - Non condensing</td>
</tr>
<tr>
<td>Dimensions</td>
<td>21.6 in/55 cm (W) x 29.5 in/75 cm (D) x 43.3 in/110 cm (H)</td>
</tr>
<tr>
<td>Weight</td>
<td>440 lbs. 200 kg</td>
</tr>
</tbody>
</table>

**FIBERS**

- 1000 μm core frontal fiber, 3m long, sterile and reusable
- 800 μm core frontal fiber, 3m long, sterile and reusable
- 600 μm core frontal fiber, 3m long, sterile and reusable
- 400 μm core frontal fiber, 3m long, sterile and reusable
- 600 μm side-firing fiber, 3m long, sterile and single-use
- 800 μm core frontal fiber, 3m long, sterile and single-use
- 600 μm core frontal fiber, 3m long, sterile and single-use
- 400 μm core frontal fiber, 3m long, sterile and single-use

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**Note:** National local authorities may put restrictions to the parameters indicated in the above table, or may limit or remove certain intended uses.

Specifications are subject to change without notice.

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**THE CYBER TM**

**THULIUM SURGICAL LASER SYSTEM**

**THE ULTIMATE SURGICAL TOOL**

**FOR BPH AND BEYOND**

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**QUANTA SYSTEM**

DNA Laser Technology

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**SPEED > POWER > VERSATILITY**
The highest power Cyber TM thulium laser provides the ideal blend of high-efficiency cutting and effective coagulating effects, making it the most ideal prostate laser instrument available.

Many of the risks associated with other laser wavelengths are minimized or avoided with the Cyber TM.

Safety features include:
- Clear surgical field free of blood, bubbles and debris.
- Observable surgical effect – “what you see is what you get” – no unseen deep tissue effects occur.
- Forward-firing laser fibers combined with high water absorption results in reduced chance of inadvertent tissue damage.
- Minimal bleeding

Clear Surgical Field
The consistent power delivery of the Cyber TM’s continuous wave mode creates even and clean vaporization or cutting effect which keeps the surgical field clear of bubbles, blood or debris that can impair the surgeon’s vision.

No Unseen Effects
The 2-micron wavelength of the Cyber TM is readily absorbed in water. Therefore the effect the surgeon sees is the only affect being created. Other wavelengths penetrate more deeply in tissue giving rise to the potential for unwanted affects such as edema and delayed healing.

Energy Delivered Where You Want It
The forward-firing fiber of the Cyber TM provides added protection from inadvertent misdirected laser light. In addition, the high water absorption characteristics of the 2-micron wavelength avoids the possibility of laser light traveling through the aqueous surgical field to tissues not intended for treatment.

True Colors with No Glare
Since clear safety lenses can be used with the Cyber TM, there is no impairment of the surgeon’s vision due to color distortion and the invisible infrared laser light produces no glare.

UNMATCHED SPEED
For cutting and vaporizing speed the powerful Cyber TM has no rival. Also compared with holmium lasers, the Cyber TM wavelength is more efficiently absorbed by water, reducing the vaporization time. Due to the cutting characteristics and available laser fibers that the Cyber TM offers, the surgeon has the option of vaporization, or vaporesection™ which allows for the selection of the optimal approach. Only the Cyber TM does it all.

Fast and Efficient
VAPOORIZATION - ThuVAP
VAPO-RESECTION - ThuVARP
VAPO-ENUCLEATION - ThuLEP

SUPERIOR PRECISION
Since 2-micron laser wavelength is strongly absorbed by water which is ubiquitous in all tissues, the speed of cutting and vaporizing will remain relatively constant regardless of tissue vascularization. Energy from the Cyber TM penetrates only fraction of millimetre in the tissue, providing the surgeon with a high degree of control and reducing substantially the risk of inadvertent injury.

HIGH VERSATILITY
Most lasers are used to either vaporize or resect tissues, but The Cyber TM can both vaporize and resect tissues. In prostate surgery, for example, a surgeon may wish to vaporize smaller glands and resect larger prostates to reduce treatment time or obtain tissue samples for histological examination, without the utilization of a morcellator.

The capability of the Cyber TM to provide different surgical techniques including “Tm-Yag Vaporization of the Prostate (ThuVAP), Tm-Yag VapoResection (ThuVARP), Tm-Yag VapoEnucleation (ThuVEP) and Tm-Yag Enucleatio (ThuLEP) as recently reported by Urothulium Study Group*, provides both clinical and economic advantages.

Although the Cyber TM is unsurpassed for prostate treatments, it is also versatile laser for many other surgical applications such as bladder neck incision, opening strictures, excision of bladder tumors and partial nephrectomies. The Cyber TM laser combining high cutting efficiency and excellent hemostatic properties, it is a perfect multi-applications surgery tool also for liver surgery, kidney resection, toracic surgery, open and laparoscopic procedures.