



# MP200 Portable Diode Laser

Minimally Invasive Laser Procedures for Urology



# MP200

## The Ultimate Minimally Invasive Laser BPH Treatment

### Effective And Minimally Invasive Laser Ablation Of The Prostate

The MP200 represents a renaissance in the minimally invasive treatment of Benign Prostatic Hyperplasia (BPH). Revolutionary 200 watt diode laser technology, combined with the unique absorption characteristics of the 980nm wavelength ensure clinical efficacy and maximum performance.

The MP200's Enhanced Selective Ablation of the Prostate (ESAP) results are predictable and compelling; efficient tissue ablation rates (including fibrous tissue) and durable coagulation. Decreased surgical time means healthier surrounding tissue and faster recovery.



### The Practical Alternative

- Compact & Portable
- Maintenance FREE
- The industry's most cost effective high quality fibers for photo-vaporization and enulceation.

### An Enhanced Surgical Experience

- Efficient tissue ablation (including fibrous tissue)
- Short treatment times
- Durable coagulation and excellent visibility
- Minimal penetration depth avoids unintentional firing into the bladder
- High performance lateral firing free beam & contact fibers
- Abbreviated learning curve from alternative lasers or utilize traditional TUR movements (contact fiber)



### An Enhanced Patient Experience

- Decreased surgical time
- In-office procedure or hospital operating room
- Local and general anesthetic alternatives
- Minimal post-op discomfort or side effects
- Office co-pays apply

# MP200

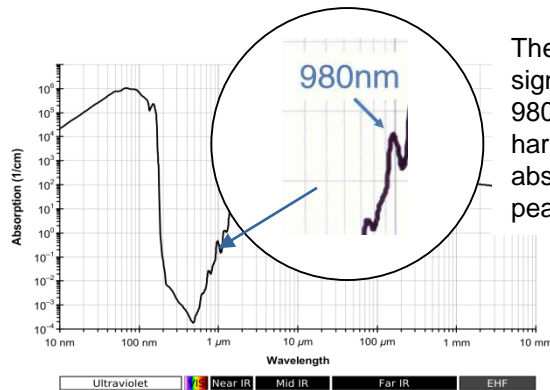
## Clinical, Operational & Practical Advantages

### The Wavelength 980nm

With high absorption in both hemoglobin and water, the 980nm wavelength is optimized for performance resulting in durable coagulation, enhanced visibility and optimal tissue ablation, while maintaining the industry standards for efficacy and safety.

**Safety** is paramount. The laser controls depth of penetration which decreases inadvertent firing into the bladder and other surrounding pigmented tissue.

**Performance** is optimized with the industry's first **200 watt PORTABLE** diode laser with lateral (side) fire and contact fibers.



The clinical significance of 980nm is its harmonic absorption peak in water

**A Practical Alternative**; portable, compact, and **maintenance-free**, the MP200 is a multi-disciplinary and cost effective laser alternative, offering similar benefits for multiple surgical procedures.

High Water Absorption =  
**less treatment time, PRECISE Ablation**  
and **CONTROL**



# MP200

## The Optimal Fibers For Laser BPH Treatments

### The MP200 600 $\mu$ Lateral Fire, Contact & End-Fire Benign Prostatic Hyperplasia (BPH) Fibers



#### Features & Benefits

High ablation rates, reduced treatment time and high reliability for photo-vaporization and enucleation.

- Maximum energy delivered at the fiber tissue interface means high performance and short treatment times, plus maximum control and precision
- Endometrium EtO-sterilized, double packed (pouch in pouch) under ISO 13485 and FDA QSR
- All silica optical fiber, N.A. 0.22
- Fiber adjusting aid and direction indication marking for fiber positioning
- Suitable for 532nm up to 2200nm CW
- Core 600  $\mu$ m (800  $\mu$ m available)
- High power F-SMA905 connector (free standing)
- Standard length 3m

**RELIABLE, high quality,**  
and **Cost Effective**  
Fibers for Urology



# MP200

## In-Office Laser BPH Treatment & Education



### Our Commitment to Education

Learn from your peers at one of our hands-on live surgery clinical workshops;

- Clinical indications for use
- Clinical technique
- Science, physics & fundamentals
- Practical advantages
- Return on Investment (ROI) considerations

### A True Paradigm Shift In Laser Ablation of The Prostate

The Enhanced Selective Ablation of the Prostate (ESAP) procedure with the MP200 laser has enabled a paradigm shift in the minimally invasive treatment of BPH. Clinical, operational and practical benefits can be realized with this unique technology and protocol.

**In-office BPH laser treatments** under local anesthetic eliminates the requirement for operating room resources and hospital stay. The MP200 is a portable, cost effective and resource-efficient treatment solution for BPH, which maintains clinical standards & enhances quality of care for the patient.



### Experience, Knowledge & Integrity

The principals and partners of the parent company have over 120 years combined experience in surgical laser/fiber manufacturing, distribution and hands-on clinical training programs across multiple medical disciplines including urology, cardiovascular, ENT, thoracic and neurosurgery.

# MP200

## Technical Specification

### The 980nm Wavelength

A proven wavelength with high absorption in water and hemoglobin.

### 200 Watts Of Available Output Energy

Unparalleled performance and lower overall treatment times.

### Compact, Portable & Durable Design Minimizes Transport Costs

Lightweight, quiet and portable, the MP200 runs on 110V power and can be easily transported within the hospital for interdisciplinary use or between physical locations.

### High Quality & Affordable Consumables

Manufactured by a global leader in the manufacture of medical optical fibers, the MP200 uses some of the industry's highest quality and most cost effective lateral fire free beam and contact BPH fibers. High consumables costs are no longer an issue and the high quality and durability of these fibers means one fiber per procedure.

Technical Specification	MP200
Wavelength	980nm (Invisible)
Output Energy	Up to 200 Watts
Mode Of Operation	5ms – 10s & CW
Aiming Beam	635nm, 1mW, Variable Intensity
Fiber Delivery	600µm Lateral (Side) Fire & Contact Fire Fibers
Power Supply	110 – 240 VAC, 50/60 Hz
Dimensions	60 x 28 x 45 (w x h x d)
Weight	30 Kg

### About Surgical Lasers Incorporated

Surgical Lasers Incorporated is a leader in the delivery of minimally invasive laser solutions comprising innovative laser technology, consumables, education and support with the objective of enhancing the quality of patient care while adding value to the practice in a cost effective manner.



Surgical Lasers Inc.  
Suite 203 – 30 Prospect Street  
Newmarket, ON L3Y 3S9