Holmium and Dual Wavelength Lasers

VersaPulse® PowerSuite™

The Power for Today and Tomorrow
VERSAPULSE POWERSUITE HOLMIUM LASER

• The VersaPulse PowerSuite offers the highest power and widest range of settings available, with speed and precision tailored to meet specific surgical needs.

• The versatility of the VersaPulse PowerSuite allows for unparalleled performance across multiple specialties with significant cost efficiencies for your hospital.

• A wide array of reusable and disposable delivery devices allows surgeons to select the exact tools they need for every procedure.

• The combination of two laser wavelengths in one system allows for quick changes in tissue effect with the touch of a pedal.

• Surgeons can rapidly complete a full spectrum of procedures, resulting in reduced anesthesia time.

• Your staff will appreciate the compact design of the VersaPulse PowerSuite, which allows it to be easily moved from one room to another.

VERSACUT™ MORCELLATOR

• The VersaCut morcellator provides rapid endoscopic removal of soft tissue and reduces operating time.

• The compact design of the VersaCut morcellator easily fits the operating room environment.

WORLD-CLASS TRAINING CENTERS

• Through strong partnerships with luminaries, Lumenis makes it possible to receive firsthand experience and training in using the VersaPulse PowerSuite for treatment of BPH including holmium ablation and enucleation of the prostate.
The family of VersaPulse PowerSuite holmium and dual wavelength lasers is intended for ablation, vaporization, excision, incision and coagulation of soft tissue through endoscopic, laparoscopic or open access.

The holmium laser is well established as the most effective endoscopic lithotrite. It is able to fragment all types and varieties of calculi with single session success rates over 90%.

The high power holmium laser is also an ideal tool for treatment of BPH. It is used to vaporize, enucleate, resect and incise prostate tissue with excellent outcomes and little bleeding. Since 2003, holmium laser treatments have been included in the BPH Treatment Guidelines of four leading urology associations - American1, British2, European3, and Australian4.

**ORTHOPEDICS**
- Capsular shift (LACS)
- Chondroplasty
- Excision of plica
- Lateral retinacular release
- Meniscectomy in the knee
- Osteoarthritic lesions
- Synovectomy

**UROLOGY**
- Treatment of BPH
  - Bladder neck incision (BNI)
  - Transurethral incision of the prostate (TUIP)
  - Holmium laser ablation of the prostate (HoLAP)
  - Holmium laser resection of the prostate (HoLRP)
  - Holmium laser enucleation of the prostate (HoLEP)
- Lithotripsy of renal, ureteral and bladder calculi
- Lithotripsy of impacted calculi
- Ureteral and urethral strictures
- Bladder and ureteral tumors
- Bladder carcinomas

**ENT**
- Polypectomy
- Tonsillectomy/adenoidectomy
- Partial turbinectomy

**GYNECOLOGY**
- Benign endometrial polyps
- Endometriosis
- Peritoneal adhesions
- Submucous fibroids

**GASTROENTEROLOGY/GENERAL SURGERY**
- Appendectomy
- Benign and malignant lesions
- Cholecystectomy
- Gall bladder and bile duct calculi
- Hemorrhoidectomy
- Lysis of adhesions
- Polypectomy

**THORACIC AND PULMONARY**
- Laryngeal lesions
- Obstructing carcinomas of the tracheobronchial tree

**PODIATRY**
- Neuromas
- Periungual, subungual, and plantar warts
- Radical nail excision

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Finding the right laser for your hospital means finding a laser that gets used all day, every day. The VersaPulse PowerSuite is so versatile, your surgeons will be lining up to get their hands on it. Whether they’re performing lithotripsy, prostatectomy, laser-assisted capsular shift (LACS), or treating benign or malignant lesions, the VersaPulse PowerSuite provides unparalleled performance, procedure after procedure.

The VersaPulse PowerSuite has a number of models so you can meet today’s needs or plan for a high-powered future:

**HOLMIUM LASERS**

100 Watt: The most powerful holmium laser available, at 50 hertz rep rate it delivers smoother cutting and faster, more efficient tissue treatment. It will incise the toughest material with ease. This model is ideal for high-power, long-duration procedures such as holmium laser ablation of the prostate (HoLAP), holmium laser enucleation of the prostate (HoLEP) and bladder stone fragmentation.

60 Watt: This laser has cutting power orthopedic surgeons want for cartilaginous material. It is also useful for the ENT surgeon needing to incise tough, fibrous tissue.

20 Watt: This laser is an alternative model for performing lithotripsy and soft tissue procedures. It is our smallest model and plugs into a standard outlet.

**DUAL WAVELENGTH LASERS**

80 Watts Holmium/100 Watts Nd:YAG: The most powerful configuration available, combining two high-power lasers in one system. Ideal for applications in many specialties requiring high-energy holmium or Nd:YAG for both short- and long-duration procedures.
At Lumenis, we constantly look for opportunities to expand the medical applications of laser technology. This has resulted in an impressive record of innovation.

- The first holmium laser, proven since 1991 in thousands of procedures
- First lasers for ophthalmology
- First to introduce the holmium laser for orthopedics
- First full line of reusable fiber delivery devices
- First reliable 200 micron, reusable fiber delivery device
- First to support clinical research for holmium laser lithotripsy
- First holmium laser used for urinary lithotripsy
- First to support research for holmium laser prostatectomy
- First to receive FDA clearance for holmium laser treatment for BPH
- First to develop multiple-wavelength surgical lasers
- First 100 watt holmium laser
- First to offer world-class training centers for holmium laser treatment for BPH
<table>
<thead>
<tr>
<th>Models</th>
<th>20 Watt</th>
<th>60 Watt</th>
<th>100 Watt</th>
<th>80/100 Watt</th>
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</thead>
<tbody>
<tr>
<td><strong>Wavelengths</strong></td>
<td>2.1 microns</td>
<td>2.1 microns</td>
<td>2.1 microns</td>
<td>2.1/1.06 microns</td>
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<tr>
<td><strong>Repetition Rate</strong></td>
<td>5-20 Hz</td>
<td>5-40 Hz</td>
<td>5-50 Hz</td>
<td>5-40 Hz</td>
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<tr>
<td><strong>Energy per Pulse</strong></td>
<td>0.5 - 2.5J</td>
<td>0.2–3.5J</td>
<td>0.2–3.5J</td>
<td>0.2–3.5J</td>
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<tr>
<td><strong>Max. Tissue Effect Setting</strong></td>
<td>2J/10 Hz</td>
<td>1.5J/40 Hz</td>
<td>2J/50 Hz</td>
<td>2J/40 Hz</td>
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<tr>
<td><strong>Electrical</strong></td>
<td>120V, 50/60 Hz, 15A Single Phase</td>
<td>230V, 50/60 Hz, 10A Single Phase</td>
<td>230V, 50/60 Hz, 30A Single Phase</td>
<td>230V, 50/60 Hz, 30A Single Phase</td>
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<tr>
<td><strong>Dimensions</strong></td>
<td>19” x 24” x 45” (48 cm x 61 cm x 114 cm)</td>
<td>18” x 36” x 39” (46 cm x 91 cm x 99 cm)</td>
<td>18” x 36” x 39” (46 cm x 91 cm x 99 cm)</td>
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<tr>
<td><strong>Aiming Beam</strong></td>
<td>2.5 mW at 650 nm, 3 intensity settings, constant and blinking modes</td>
<td>2.5 mW at 650 nm, 3 intensity settings, constant mode</td>
<td>2.5 mW at 650 nm, 3 intensity settings, constant mode</td>
<td>2.5 mW at 650 nm, 3 intensity settings, constant mode</td>
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<tr>
<td><strong>Treatment Data Output</strong></td>
<td>Printer Output</td>
<td>None</td>
<td>None</td>
<td>None</td>
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<tr>
<td><strong>Weight</strong></td>
<td>185 lbs/84 kg</td>
<td>340 lbs/155 kg</td>
<td>340 lbs/155 kg</td>
<td>340 lbs/155 kg</td>
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<tr>
<td><strong>Pulse Duration</strong></td>
<td>Up to 600 microseconds</td>
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<td><strong>Cooling</strong></td>
<td>Self-contained water-to-air exchanger</td>
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<td><strong>Delivery Systems</strong></td>
<td>More than 20 reusable and single-use, flexible and rigid, with standard SMA connector</td>
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<td><strong>Warranty</strong></td>
<td>One year parts and labor.</td>
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