

# VersaPulse® PowerSuite™

Holmium and Dual Wavelength Lasers



THE POWER OF ONE LASER FOR MULTIPLE SURGICAL APPLICATIONS



# Powerful Surgical Solutions

The family of VersaPulse PowerSuite Holmium and Dual Wavelength lasers are best known for their urologic applications treating **BPH, stones, tumors or strictures**. They are also FDA cleared to treat a range of applications in other surgical fields, making the VersaPulse family of lasers not only versatile but a good economic choice.

## BENEFITS OF USING A VERSAPULSE LASER

- The multi-specialty, multi-application platform offers superior cost effectiveness and yield a high return on investment
- Most versatile laser systems for urology applications: BPH (BNI, TUIP, HoLAP, HoLEP, HoLRP), stones, tumors and strictures
- Extensive clinical evidence; HoLAP and HoLEP have over 14 randomized controlled trials
- Provide standard of care for treating BPH (HoLAP & HoLEP) and stones (in all locations): AUA and EAU support these as first line treatment options<sup>1</sup>
- Precise and controlled cutting and ablation; penetrates just enough to ablate tissue without charring, causing deep thermal necrosis or collateral damage
- Effective for minimally invasive procedures requiring soft tissue ablations, such as: BPH, stones, turbinate reduction and endometriosis

## VERSAPULSE FAMILY OF LASERS

Superior solutions deliver outstanding benefits for you and your patients.

**80 Watts Holmium/100 Watts Nd:YAG:** A powerful combination of two wavelengths that is ideal for short or long-duration procedures requiring high-energy.

**100 Watt:** The most powerful holmium laser available, this versatile laser can handle it all; urology, gastroenterology, orthopedics and more.

**60 Watt:** This mid-power laser not only handles urologic applications, but is also has the cutting power for other applications like orthopedics.

**20 Watt:** This system is an economical choice that works well for low-power procedures like stones or tumors.

Right: VersaPulse PowerSuite 100 Watt, 60 Watt, and 80/100 Watt Lasers

Far Right: VersaPulse PowerSuite 20 Watt Laser

# Treating the Whole Patient

Although the VersaPulse family of lasers are best known for their urologic treatments, they are also indicated for many other non-urological applications. Its multi-specialty capability yields a high return on investment for your hospital. When you choose a VersaPulse laser, you can be sure that your financial well-being is being protected.

## EXCEPTIONAL VERSATILITY, EQUALS AMAZING VALUE

One system to treat multiple specialties including urology, gastroenterology, orthopedics, ENT and more, makes for a smart decision.



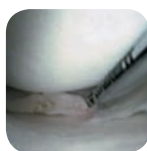
Holmium Laser Enucleation of the Prostate (HoLEP)



Holmium Laser Ablation of the Prostate (HoLAP)



Lithotripsy



Posterior Horn Meniscectomy



Laser Assisted Capsular Shift (LACS)



### 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

### GASTROENTEROLOGY/ GENERAL SURGERY

- Appendectomy
- Benign and malignant lesions
- Cholecystectomy
- Gall bladder and bile duct calculi
- Hemorrhoidectomy
- Lysis of adhesions
- Polypectomy

### ORTHOPEDICS

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

### ENT

- Polyps and granulomas
- Tonsillectomy/adenoidectomy
- Partial turbinectomy
- Laryngeal lesions

### THORACIC & PULMONARY

- Airway obstructions including carcinoma

### GYNECOLOGY

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

### PODIATRY

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

AND MORE...

**Lumenis Global Sales Offices**

**America**

**Santa Clara, CA**

Tel + 1 408 764 3000  
 + 1 877 586 3647  
 Fax + 1 408 764 3999  
 + 1 800 505 1133

**Europe, Middle East & Africa**

**Dreieich-Dreieichenhain,  
 Germany**

Tel + 49 6103 8335 0  
 Fax + 49 6103 8335 300

**Formello (RM), Italy**

Tel + 39 06 90 75 230  
 Fax + 39 06 90 75 269

**London, UK**

Tel + 44 20 8324 4200  
 Fax + 44 20 8324 4222

**Asia-Pacific**

**Beijing, China**

Tel + 86 10 6510 2620  
 Fax + 86 10 6510 2621

**Gurgaon, India**

Tel + 91 124 422 33 80  
 Fax + 91 124 422 33 83

**Japan**

**Tokyo, Japan**

Tel + 81 3 5789 8300  
 Fax + 81 3 5789 8310

**Internet: [www.lumenis.com](http://www.lumenis.com)**

**Email: [information@lumenis.com](mailto:information@lumenis.com)**

**CUSTOM FIBERS AND ACCESSORIES**

**DuoTome™ SideLite™**: This single-use fiber is especially well suited for HoLAP.

**SlimLine™, SlimLine EZ™ & SlimLine GI™**: These reusable and single-use fibers are custom designed to work seamlessly with the VersaPulse family and are perfectly suited for procedures such as HoLEP and stones.

**VersaCut™ Morcellator**: This system provides rapid and efficient endoscopic removal of resected prostate tissue from the bladder after the HoLEP procedure.

**UNPARALLELED SUPPORT, TRAINING AND SERVICE**

Lumenis is committed to providing quality products, training and service.

- Fully-trained team of certified service professionals
- Proven customer satisfaction
- World class preceptor program and training tools
- Excellent references including thought leaders

	Single Wavelength: Holmium			Dual Wavelength: Holmium & Nd:YAG
	20 Watt	60 Watt	100 Watt	80/100 Watt
<b>Wavelengths</b>	2.1 microns	2.1 microns	2.1 microns	2.1/1.06 microns
<b>Repetition Rate</b>	5-20 Hz	5-40 Hz	5-50 Hz	5-40 Hz
<b>Energy per Pulse</b>	2J/10 Hz	1.5J/40 Hz	2J/50 Hz	2J/40 Hz
<b>Max. Tissue Effect Setting</b>	120V, 50/60 Hz, 15A Single Phase 220V, 50/60 Hz, 10A Single Phase	230V, 50/60 Hz 30A Single Phase	230V, 50/60 Hz 30A Single Phase	230V, 50/60 Hz 30A Single Phase
<b>Electrical</b>	120V, 50/60 Hz, 15A Single Phase 220V, 50/60 Hz, 10A Single Phase	230V, 50/60 Hz 30A Single Phase	230V, 50/60 Hz 30A Single Phase	230V, 50/60 Hz 30A Single Phase
<b>Dimensions</b>	19" x 24" x 45" (48 cm x 61 cm x 114 cm)	18" x 36" x 39" (46 cm x 91 cm x 99 cm)	18" x 36" x 39" (46 cm x 91 cm x 99 cm)	18" x 36" x 39" (46 cm x 91 cm x 99 cm)
<b>Aiming Beam</b>	2.5 mW at 650 nm, 3 intensity settings, constant and blinking modes	2.5 mW at 650 nm, 3 intensity settings, constant mode	2.5 mW at 650 nm, 3 intensity settings, constant mode	2.5 mW at 650 nm, 3 intensity settings, constant mode
<b>Data Output</b>	Printer Output	None	None	None
<b>Weight</b>	185 lbs/84 kg	340 lbs/155 kg	340 lbs/155 kg	340 lbs/155 kg
<b>Pulse Duration</b>	Up to 600 microseconds			
<b>Cooling</b>	Cooling self-contained water-to-air exchanger			
<b>Delivery Systems</b>	More than 20 reusable and single-use, flexible and rigid, with standard SMA connector			
<b>Warranty</b>	One year parts and labor			

DANGER

VISIBLE AND INVISIBLE LASER RADIATION. AVOID EYE OR SKIN EXPOSURE TO DIRECT OR SCATTERED RADIATION.

HOLMIUM:YAG LASER: 2.1 MICROMETERS  
 MAX. OUTPUT: 5 JOULES\* 600 µs PULSE  
 NEODYMIUM:YAG LASER: 1.06 MICROMETERS  
 MAX. OUTPUT: 2 JOULES\* 2.0 ms PULSE  
 DIODE LASER: 650 nm, MAX. OUTPUT 5 mW

\*PRACTICAL LIMIT CLASS IV LASER PRODUCT



<sup>1</sup> AUA guidelines for BPH, 2003 - [http://www.auanet.org/content/guidelines-and-quality-care/clinical-guidelines/main-reports/bph-management/chapt\\_1\\_appendix.pdf](http://www.auanet.org/content/guidelines-and-quality-care/clinical-guidelines/main-reports/bph-management/chapt_1_appendix.pdf); EAU guidelines for BPH, 2005 - [http://www.uroweb.org/fileadmin/tx\\_eauguidelines/2009/Pocket/BPH.pdf](http://www.uroweb.org/fileadmin/tx_eauguidelines/2009/Pocket/BPH.pdf); New ureteral stone guidelines reflect treatment changes - Urology Times, Jan 2008, Vol. 36, No. 1.