

## VersaPulse PowerSuite

MODE	SINGLE WAVELENGTH: HOLMIUM			DUAL WAVELENGTH Holmium & Nd: YAG
	P20 - 20 WATT	60 WATT	100 WATT	80/100 WATT
WAVELENGTHS	2.1 microns	2.1 microns	2.1 microns	2.1/1.06 microns
REPETITION RATE	5-15 Hz	5-40 Hz	5-50 Hz	5-40 Hz
ENERGY PER PULSE	0.5 - 2.5J	0.2 - 3.5J	0.2 - 3.5J	0.2 - 3.5J
MAX. TISSUE EFFECT SETTING	2J/10 Hz	1.5J/40 Hz	2J/50 Hz	2J/40 Hz
ELECTRICAL	100 – 230V, 50/60 Hz, 14A (100 – 110V), 7A (200 – 230V), Single Phase	230V, 50/60 Hz 30A Single Phase	230V, 50/60 Hz 30A Single Phase	230V, 50/60 Hz 30A Single Phase
DIMENSIONS	20 x 22.5 x 12.7 in 51.5 x 57 x 32.2 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)
WEIGHT	88 lbs / 40 kg	340 lbs/155 kg	340 lbs/155 kg	340 lbs/155 kg
PULSE DURATION	Up to 500 micro seconds			
COOLING	Cooling self-contained water-to-air heat exchanger	Self-contained water-to-air exchanger		
DELIVERY DEVICES	Compatible with Lumenis qualified reusable & single-use delivery systems	More than 20 reusable and single-use devices compatible with exible, semi-rigid and rigid endoscopes.		

### Lumenis in India: Pioneer in Laser BPH treatment and Lithotripsy

- Lumenis has **highest number** of Holmium Laser installation base in India.
- VersaPulse 100 Watt Holmium Laser – **Most preferred** Holmium Laser for HOLEP – Emerging treatment of Choice for Urologists in India.
- VersaPulse P20 - 20 Watt Holmium Laser - Most preferred Holmium Laser for **all kinds of** Stones.
- First line of choice for corporate hospitals, teaching institutes and standalone clinics.
- World Class Training Centers certified by Lumenis.
- Direct marketing support by Lumenis India.**
- Direct Office presence in India.

1 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.



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# The Strength of Many. The **Power** of One.

**ONE** Wavelength

**ONE** Laser

**ONE** Clinical Solution

That's the power of

**PowerSuite™**



**100 Watt Holmium Laser**



## Powerful Surgical Solutions

### BENEFITS OF USING A VERSAPULSE LASER

- Lumenis 100 watt Holmium Laser is the most versatile laser system for all Urological applications:
  - HoLEP
  - All kinds of stones including large bladder stones, large renal stones, large renal stones and all ureteric stones
  - Tumours & strictures
- The multi-specialty, multi-application platform offers superior cost effectiveness and yields a high return on investment.
- Strong clinical evidence; HoLEP has over 14 randomized controlled trials.
- Provide standard of care for treating BPH (HoLEP) and stones (in all locations): AUA and EAU support these as the first line treatment options<sup>1</sup>.
- Precise tissue penetration and excellent hemostatic effect without charring and deep thermal necrosis.
- Effective in soft tissue ablations such as: tumours and strictures.
- Any size of prostate can be enucleated with 100 watt holmium laser.



Holmium Laser Enucleation of the Prostate (HoLEP)



Lithotripsy



Bladder Tumor

### BENEFITS OF USING A VERSAPULSE LASER

The VersaPulse PowerSuite comes in an array of configurations - 100 Watt, 60 Watt and 20 Watt. These superior solutions deliver outstanding benefits for you and your patients.

Our flagship offering - the **100 Watt** is the ideal machine for all endourological applications - be it enucleation of all sizes of prostate, faster and finer fragmentation of all kinds of stones and for treatment of strictures and tumors. The **Lumenis 60 Watt Holmium Laser** is for faster and finer fragmentation of all kinds of stones and for treatment of strictures and tumors while the **20 Watt** machine is for management of small stones and soft tissue applications.

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



## VersaCut™ Morcellator



- The VersaCut morcellator provides rapid endoscopic removal of soft tissues and reduces operating time.
- The compact design of the VersaCut morcellator easily fits into the operating room environment.



## SlimLine™ Fibers

The family of SlimLine end-firing fibers is available in 200, 365, 550 and 1000 micron sizes for the broadest range of clinical applications. **High reusability of fibers enables negligible consumable cost.**

Choose the size of the fiber wanted for any procedure

## World-Class training centers

HoLEP and laser lithotripsy training is available at our **Lumenis certified training centers in India** to train the doctors in Laser BPH treatment and lithotripsy.

### UROLOGY

- Treatment of BPH
  - 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

### Users Feedback

I am using Lumenis 100 Watt Holmium Laser since 1999 and found it to be the most multifunctional urological tool for treating a wide range of conditions from urinary stones, prostate, tumors to strictures. With increasing number of patients with large prostates, patients on anticoagulants and patients demanding minimally invasive treatment, the need for this laser is on a rise.

**Dr. Pankaj Maheshwari**

I have been using the Lumenis 100 watt Holmium Laser for over 9 years and found it to be the most versatile tool in my operation theatre. I have used it in a wide range of urological alignments including BPH, urolithiasis, bladder outlet obstruction, post prostatectomy bladder neck stenosis, urethral and ureteric stricture, PUJ obstruction, ureterocele, calyces diverticulum, posterior urethral valves, urothelial tumors and many more. Its safety & efficacy in high risk patients including those on anticoagulants is supported by robust clinical data of over 100 published articles. In my practice, I don't feel necessity of any other energy source or technology for these endourological applications.

**Dr. Hemendra N. Shah**

HoLEP is indeed a fantastic innovation in recent times, which allows the urologist to carve away the prostatic adenoma from the false capsule in a bloodless manner. With this technique, large lobes of prostate, especially in glands beyond 150 grams can be enucleated with ease in a bloodless field at a speed which is comparable to TURP.

**Dr. Rajesh Taneja**

Lumenis high power laser stands out as a versatile tool for the endourologist as it provides "One Stop Solution for Multiple Problems". Having established its superiority in treating BPH patients; now it is emerging as a serious threat to conventional techniques for management of stone disease. The credit goes to the high power and variety of energy and frequency settings for treating various stones.

**Dr. Rohit Joshi**