LASERENT

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VersaPulse® PowerSuite™

100 Watt: High power versatile holmium laser system reaching up to 3.5J and 50Hz. Providing solution for BPH, stone fragmentation, Stone-Dusting and more.

A wide range of medical specialties

- Urology
- Urinary lithotripsy
- Arthroscopy
- ENT surgery
- Gynecological surgery
- General surgery
- Gastroenterological surgery

Lumenis® Energy to Healthcare

VersaPulse PowerSuite 100W Laser System

Versatility in Applications

One system for multiple specialties including urology, gastroenterology, pulmonology, orthopedics, ENT and more, makes for a smart choice.

Holmium Laser Enucleation of the Prostate (HoLEP)

Holmium Laser Vaporization of the Prostate (HoLVP)

Lithotripsy

Posterior Horn Meniscectomy

Laser Assisted Capsular Shift (LACS)

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Why Holmium?

Using Holmium as a power source allows precise and controlled cutting and vaporization. It penetrates just enough to ablate soft tissue without charring and minimizing collateral damage.

Extensive clinical evidence

VPPS 100W laser for effective HoLEP procedures:

- Avoid access operation time [1]
- Over 15 years of clinical evidence have made HoLEP the right choice for Urologists and patients worldwide
- HoLEP is recommended by the AUA for BPH[2] treatment. Among its advantages are a low reoperation rates, and wide patient applicability [2,3]
- Compared with alternative treatment options for BPH, HoLEP has a major advantage in efficacy and safety [3-7]

VPPS 100W laser for Stone-Dusting™

Stone-Dusting Lithotripsy is efficient at pulverizing stones. Clinical evidence suggests that stone dusting may reduce the need for basket extraction thereby decreasing possible complications associated with the routine use of ureteral access sheaths[8]. The low energy per pulse applied in dusting typically minimizes retropulsion.

	Single Wavelength: Holmium			Dual Wavelength: Holmium & Nd:YAG
	P20	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 - 2.5 J	0.2 - 3.5 J	0.2 - 3.5 J	0.2 - 3.5 J
Max. Tissue Effect Setting	2 J/10Hz	1.5 J/40 Hz	2 J/50 Hz	2 J/40 Hz
Electrical	100-230V, 50/60 Hz, 14A (100-110V), 7A (200-230V), Single Phase	230V, 50/60 Hz, 30A Single Phase	230V, 60Hz, 30A Single Phase; 230V, 50Hz, 32A Single Phase	230V, 50/60 Hz, 30A Single Phase
Dimensions	20" x 22.5" x 12.7" (51.5 cm x 57 cm 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)
Aiming Beam	1 mW @ 532 nm, Green, 5 intensity settings constant and blinking modes	5 mW max @ 650 nm, Red, 3 intensity settings, constant mode	5 mW max @ 650 nm, Red, 3 intensity settings, constant mode	5 mW max @ 650 nm, Red, 3 intensity settings, constant mode
Weight	88 lbs/40 kg	200 kg (441 lb)	200 kg (441 lb)	200 kg (441 lb)
SIS	Yes	No	No	No
Cooling	Cooling self-contained water-to-air heat exchanger			
Delivery Systems	Lumenis reusable and single use delivery systems			
Warranty	One year parts and labor			

1 Kelly DC, Das A, Holmium laser enucleation of the prostate technique for benign prostatic hyperplasia, Can J Urol, 2012.

2 American Urological Association Guideline: Management of Benign Prostatic Hyperplasia (BPH), 2010.

3 John Michalak, David Tzou, Joel Funk: HoLEP: the gold standard for the surgical management of BPH in the 21st Century Am J Clin Exp Urol 2015;3(1):36-42.

4 Ehab A. Elzayat, Enmar I. Habib, and Mostafa M. Elhilali: Holmium laser enucleation of the prostate: a size-independent new "gold standard" urology 66 (Supplement 5A), November 2005.

5 Gilling PJ et al, Long-term results of a randomized trial comparing holmium laser enucleation of the prostate and transurethral resection of the prostate: results at 7 years. BJU Int 2012; 109(3): 408-11.

6 Elmansy H et al, Holmium Laser Enucleation Versus Photoselective Vaporization for Prostatic Adenoma Greater than 60 Ml: Preliminary Results of a Prospective, Randomized Clinical Trial. J Urol 2012; 188: 216-221.

7 Ahyai S et al, Holmium Laser Enucleation versus Transurethral Resection of the Prostate: 3-Year Follow-Up Results of a Randomized Clinical Trial. Eur Urol 2007; 52(5):1456-63.

8 Galina Gagin, Duncan Morhardt, John Hollingsworth and Khurshid Ghani, Stone dusting: Outcomes of ureteroscopic lithotripsy using a multi-cavity high-power holmium laser. Abstract# 16-4424 AUA conference 2016.