

VersaPulse[®] PowerSuite[™]

Holmium & Dual
Wavelength Lasers

Versatility and
Extensive Clinical
Evidence



Powerful Surgical Solutions

VersaPulse® PowerSuite™ (VPPS), Dual Wavelength & VersaPulse P20 are known for their urologic applications for the treatment of BPH, stones, tumors or strictures. They are also cleared to treat a range of applications in other surgical fields, making the VersaPulse family a versatile solution.

✓ 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 BPH² 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 sheaths⁸. The low energy per pulse applied in dusting typically minimizes retro propulsion.

VersaPulse Family of Lasers

Comprehensive Solution for Urology

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.

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

60 Watt: A mid-power system designated for Lithotripsy and soft tissue, with ability to reach up to 40Hz making it a versatile solution for stone treatments.

20 Watt: A low-power, compact laser system for stone and soft tissue treatment. It can fit into a video cart in a portable design that is suitable for a physician's office.

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 Gaglin, 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.



VersaPulse P20 Laser System



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)

Available Fibers

SlimLine™ 200 D/F/L fiber: This single use, ultra-flexible fiber is designed for flexible ureteroscopic Lithotripsy. It also offers integrated SIS (Smart Identification System) technology.

SlimLine™ SIS, SlimLine SIS EZ: These fibers offer integrated SIS technology which enables system detection of which fiber has been connected. These reusable and single-use fibers, are designed for the Lumenis' holmium systems and are indicated for a vast range of applications including BPH, stones, strictures and tumors.

SlimLine, SlimLine EZ: These reusable and single-use fibers are designed to work seamlessly with Lumenis' holmium lasers but do not offer the integrated SIS technology.

Xpeeda™ D/S/L side-fire fiber: This single-use fiber is especially designed for vaporization and offers integrated SIS technology.



A wide range of medical specialties

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



Risk Information

The use of the Lumenis VersaPulse PowerSuite is contraindicated for patients who are unable to receive endoscopic treatments or are intolerant to prolonged anesthesia, as well as for resection or excision of large vascularized organs.

Holmium lasers and Nd:YAG lasers are intended solely for use by physicians trained in the use of the Ho:YAG (2.1 μm) and Nd:Yag(1.06 μm) wavelengths. Incorrect treatment settings can cause serious tissue damage. The laser should be used only on tissues that are fully observable. See the system user manual for a complete list of contraindications and risks.

	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			

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