

Lumenis® Pulse™ 100H

The acclaimed and clinically proven
VersaPulse® PowerSuite™
100W for BPH and stones just got better*



 Lumenis®
Energy to Healthcare



The most effective laser system for

HoLEP™ and Stone Dusting™

Lumenis Pulse 100H generates high energy per pulse of up to 3.5J and a high repetition rate of up to 50Hz, utilizing clinically recommended system settings¹ for Holmium Laser Enucleation of the prostate (HoLEP) and Stone Dusting¹.

Suitable for BPH of any size of prostate

- HoLEP - is the gold standard treatment for BPH representing a successful, safe and durable treatment for this condition with a low recurrence rate on long term follow up². It enables treatment of any prostate size or volume. Along with the system, Lumenis supports with a comprehensive set of tools, specially designed to help you perform the HoLEP procedure successfully. For more information please contact your local representative.

...and for stones of any type and size

- Stone Dusting - Lithotripsy is very efficient at breaking down stones of any size and type. In comparison to basket retrieval, it may lead to a reduction of operative times and overall procedural cost savings. The low energy per pulse, applied in dusting, minimizes retropulsion and patient risk. Other advantages of stone dusting include less use of ureteral access sheaths and multiple fragment retrieval with baskets, thereby reducing the risk of ureteral injury. With this system Lumenis offers a comprehensive set of tools especially designed to help you perform Stone Dusting successfully. For more information please contact your local representative.



The trusted VersaPulse® PowerSuite™ 100 Watt system just got better with additional features for enhanced safety and improved user experience.

Lumenis Pulse 100H is a versatile laser system for the treatment of extensive clinical urologic indications such as: Benign Prostatic Hyperplasia (BPH), stones, tumors or strictures, as well as a range of applications in other surgical fields such as, General Surgery, ENT, Gynecology and Pulmonary Surgery.

Better Safety

Innovative pulse reshape function and green aiming beam

Better User Experience

Dual pedals, upgraded screen and remodeled industrial design

Better Return on Investment

Hands free ready/standby mode

The most successful laser in the world for both BPH and stones

JUST GOT better

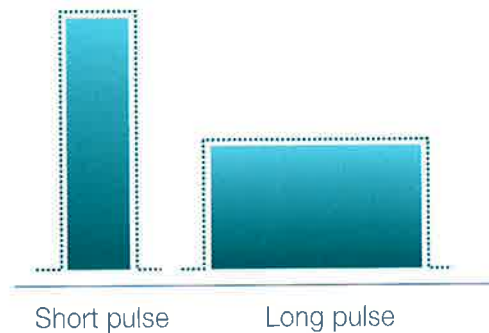
Better Safety

Innovative pulse reshape function and green aiming beam

The pulse reshaping technology is designed to better address bleeders and to minimize retropulsion.

The green aiming beam enhances endoscopic visibility to enable smooth procedure, especially necessary during bleeding.

Holmium is well absorbed by water which results in minimal scatter and leads to greater precision without collateral tissue damage.



Better Reliability

“Case save” mode allows the surgeon to complete the procedure in the event of system malfunction.

Lumenis Pulse 100H is validated with all Lumenis branded fibers to increase the system’s reliability during the procedure and to extend the fiber’s life cycle.



Better Ease of Use



Customizable dual pedals

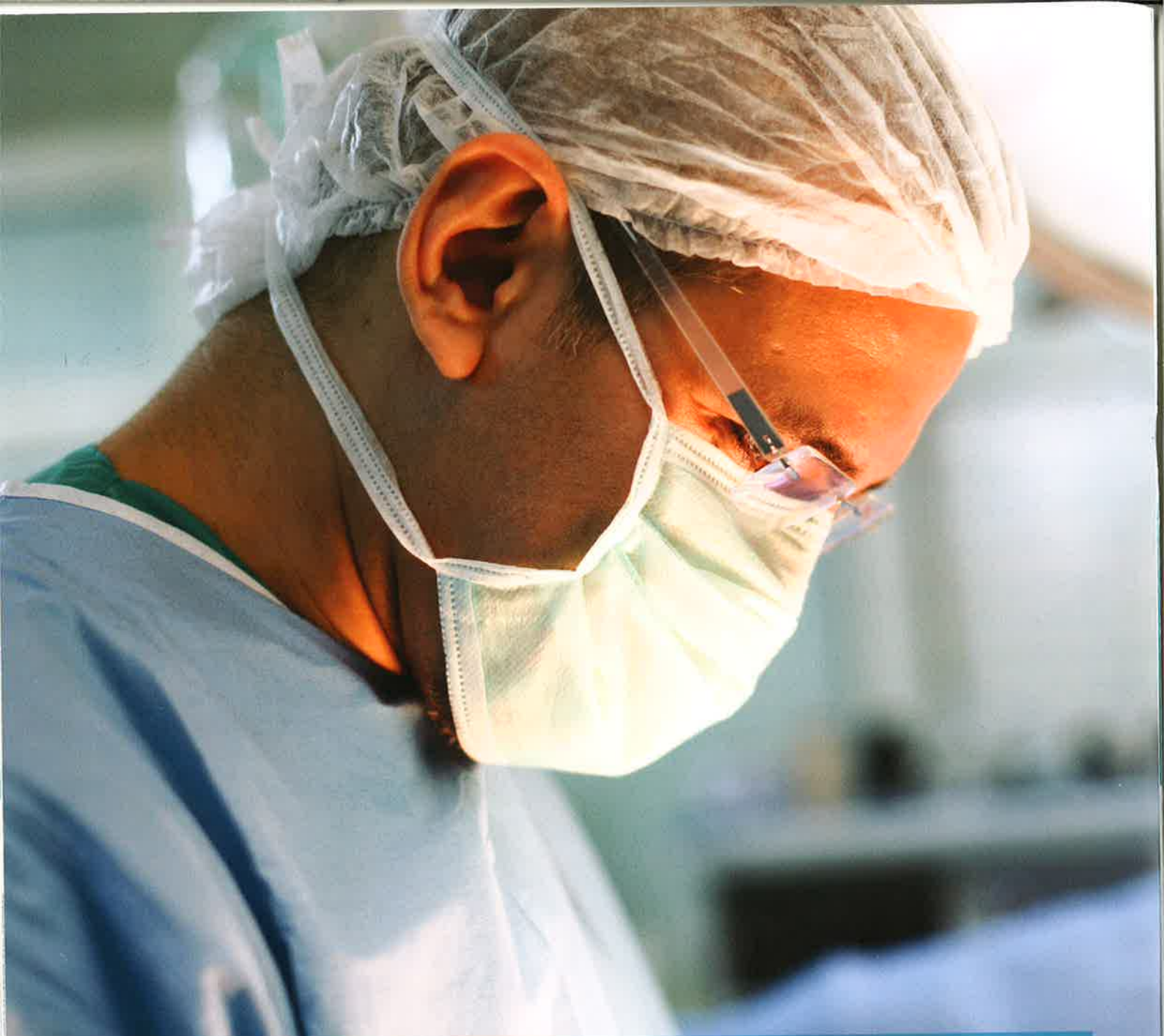
Allows for easy switching between laser settings during procedure. This feature might be applied for having one pedal dedicated for hemostasis in order to address bleeding faster and more efficiently.

Innovative design and GUI

A high resolution and intuitive GUI screen that allows for the tracking of accumulated energy during the procedure and double setting to control both systems' pedals.



Lumenis Pulse 100H



Better Return on Investment

A host of various laser parameters

Versatility: various laser parameters allow one to address over 50 types of procedures in various clinical areas.

Hands free ready/standby mode

Enables physicians to have full control of the laser by switching between standby and ready modes with no assistance. This might minimize the cost of the procedure by reducing the staff required in the operating room.

A Wide Range of Approved Treatment Options

- ✓ Benign Prostatic Hyperplasia
- ✓ Kidney stones
- ✓ Bladder stones
- ✓ Ureteral stones
- ✓ Strictures
- ✓ Bladder tumors
- ✓ Biliary stones
- ✓ Gastroenterology procedures
- ✓ Orthopedic procedures
- ✓ ENT procedures
- ✓ Thoracic & Pulmonary procedures
- ✓ Gynecology procedures
- ✓ Podiatry procedures
- ✓ Dermatology and plastic surgery

Lumenis Pulse 100H Technical Specifications

Parameter	Value
Wavelength	2.1 um
Max Optical Power	100 W
Max Repetition Rate	53 Hz
Pulse Energy	0.2-3.5 J
Aiming Beam Green	3 intensity settings
Pulse Width	Adjustable
Smart Identification System (SIS)	YES
Dual Pedal Footswitch	YES
User friendly GUI enables two different working modes operating simultaneously, no need to switch between the screens	YES
Dimensions [W / L / H]	46 x 91 x 99 cm / 18 X 36 X 39 inch
Weight	200 kg (441 lbs.)
Delivery systems	Lumenis SIS reusable and single use delivery systems
Warranty	One year parts and labor

References:

HoLAP:
Barski D, Richter M, Winter C, Arsov C, de Geeter P, Rabenalt R, Albers P. Holmium laser ablation of the prostate (HoLAP): intermediate-term results of 144 patients. World J Urol. 2013 Oct;31(5):1253-9.

HoLEP:
Eishal AM, Elmansy HM, Elhilali MM. Feasibility of holmium laser enucleation of the prostate (HoLEP) for recurrent/residual benign prostatic hyperplasia (BPH). BJU Int. 2012 Dec;110(11 Pt C):E845-50.

About Lumenis

Lumenis is a global leader in the field of minimally-invasive clinical solutions for the Surgical, Ophthalmology and Aesthetic markets, and is a world-renowned expert in developing and commercializing innovative energy-based technologies, including Laser, Intense Pulsed Light (IPL) and Radio-Frequency (RF).

For years, Lumenis' ground-breaking products have redefined medical treatments and have set numerous technological and clinical gold-standards. Lumenis has successfully created solutions for previously untreatable conditions, as well as designed advanced technologies that have revolutionized existing treatment methods in each and every one of the verticals we operate in.

Our drive for innovation stems from an uncompromising commitment to improving the health and well-being of our patients; addressing new and growing needs of aging populations; and in offering medical professionals cutting-edge solutions that fit seamlessly into the health-economics environment of the 21st century.

In surgery, Lumenis leads the way by offering innovative laser treatment methods, with our high-powered Holmium and CO₂ laser technologies.

We pioneered a clinically superior prostate surgery procedure, innovated advanced laser lithotripsy solutions, and next-generation ENT treatments, empowering surgeons with ultimate accuracy and superior clinical outcomes.



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