Lumenis Pulse™ 100H Holmium Laser System

Versatile, powerful, reliable

Versatile and powerful high efficiency for HoLEP and stone treatment

100W of power for effective HoLEP procedures

- Over 15 years of clinical evidence have made HoLEP the right choice for Urologists and patients worldwide[1,2]

- HoLEP is recommended by the AUA for BPH.[3] Among its advantages is a low reoperation rate, and wide patient applicability.[2,4] Compared with alternative treatment options (e.g., TURP and Open Prostatectomy) for BPH, HoLEP has a significant advantage in efficacy and safety[1,2,5,6]

Stone dusting

Stone dusting lithotripsy is effective at pulverizing stones of various sizes and types.[7] Dusting with high power lasers allows you to pulverize the stone and may reduce the need for retrieval devices or ureteral access sheaths.[8] The low energy per pulse applied in dusting may minimize retropulsion.[*,9]

Embedded retropulsion capabilities

The system allows physicians to quickly switch to a long-pulse mode which is designed to address retropulsion.[*, 10]

A comprehensive solution

The combination of different laser parameters allows for a wide range of medical specialties, including Urology, Arthroscopy, General Surgery, ENT, Gynecology, Gastroenterology and more.

Reliable

100,000 Lumenis Pulse™ 100H Laser Systems patients to date and growing.**
Case Saver mode informs the surgeon during the procedure in the event of system malfunction.

Ease of use

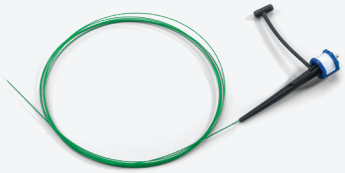
The graphical user interface with a touch screen allows for the tracking of accumulated energy during the procedure and double settings are controlled by the systems' dual pedals.

Customizable dual pedals

Allows for easy switching between two sets of laser settings during procedure in addition to a foot-operated ready/standby mode.

Enhanced visibility

Green aiming beam designed for endoscopic visibility.



Validated with range of delivery devices

SlimLine™ family of fibers:
Designed for durability, flexibility and versatility in urological procedures.

Slimline SIS 200, Designed for flexible ureteroscopy procedures.

**Number of patients is based on units shipped and a BSC proprietary algorithm.

Lumenis Pulse™ 100H Holmium Laser System Technical Specifications

Average Power: 100 Watts

Laser Source: Holmium:YAG

Wavelength: 2.1 µm

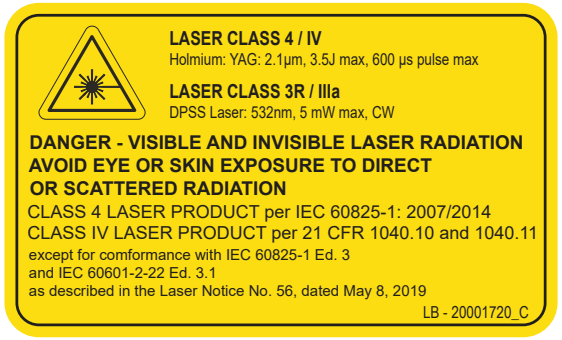
Energy per Pulse: 0.2-3.5 Joules

Repetition Rate: 5-53 Hertz

Note: Using any third-party laser fibers not listed as compatible with Lumenis Pulse™ Laser System may void the customer's warranty.
*Bench test results may not necessarily be indicative of clinical performance.

Risk information

The use of the Lumenis Pulse 100H in urology 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 are intended solely for use by physicians trained in the use of the Ho:YAG (2.1 µm) wavelength. 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.



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Lumenis Pulse™ 100H is the registered product name. Lumenis Pulse™ 100H Holmium Laser System is manufactured and sold by Boston Scientific. Lumenis is a registered trademark of Lumenis Be.

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URO/PH-1509803-AA

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