A patent-protected innovation revolutionizing urology care

360° Urology Innovation

With shorter lithotripsy procedures and fragmentation times, reduced retroplulsion, and more efficient enucleation and vaporization procedures, the MOSES technology sets a new level of innovation for your urology practice.

MOSES™ Pulse 120H

MOSES™ Pulse 120H All in one Laser Urology Platform

Technical Specifications

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diameter</td>
<td>2.1 mm</td>
</tr>
<tr>
<td>Max Output Power</td>
<td>120W</td>
</tr>
<tr>
<td>Repetition Rate</td>
<td>5-80Hz</td>
</tr>
<tr>
<td>Firing Beam</td>
<td>Linear, 5 mm, rectangular, and fiber mode</td>
</tr>
<tr>
<td>Power High</td>
<td>Flexible (linear, medium, long)</td>
</tr>
<tr>
<td>Smart Interaction System</td>
<td>Yes</td>
</tr>
<tr>
<td>Max Peak Power System</td>
<td>120W</td>
</tr>
<tr>
<td>Chirp Pulse Duration</td>
<td>10µs</td>
</tr>
<tr>
<td>Fiber &amp; Expansion Total Focus Beam</td>
<td>Variable</td>
</tr>
<tr>
<td>Laser Technology</td>
<td>MOSES</td>
</tr>
<tr>
<td>Dimensions [W / L / H]</td>
<td>47 x 116 x 105 cm</td>
</tr>
<tr>
<td>Case saver mode</td>
<td>Yes</td>
</tr>
<tr>
<td>Wavelength</td>
<td>2.1 µm</td>
</tr>
<tr>
<td>Repetition Rate</td>
<td>5-80 Hz</td>
</tr>
</tbody>
</table>

References:

Risk information

The use of the Lumenis Pulse 120H is intended for use in medical facilities to generate treatment or diagnostic laser light and is not intended for diagnostic purposes. The laser should be used only on tissues that are fully observable. Incorrect treatment settings can cause serious tissue damage. The laser should be used only by persons who are trained and authorized.

See the user manual for a complete list of contraindications and instructions.


Lumenis GmbH Heinrich-Preuss-Str. 30-32 D-42120 Castrop-Rauxel. Tel. +49 231 50300

Lumenis AU Pty Ltd 428 Parnell Road, West Ryde. Tel. +61 2 9884 0400

Lumenis Asia Pacific Ltd. Level 11, Room 1101, 53/F, Regent Tower, 388 King’s Road. TEL +61 3 8673 0788

Lumenis Japan Ltd 3F, 7-1, 3-chome, Kudan, Chiyoda-ku, Tokyo 101-0064. Tel. +81 3 5218 0111

Lumenis Korea Ltd. 11F, 43-6, Seocho-daero, Gangnam-gu, Seoul 137-210, Korea. Tel. +82 2 755 4000

Lumenis India Ltd. 61/F, Devika Tower, 41, Golf Course Road, Mayur Vihar, Phase II, Sector-63, Gurgaon, Haryana 122001. Tel. +91 124 422 07 95


Lumenis Singapore Pte Ltd. 1-16, Ocean Financial Centre, 180 allotted. Tel. +65 6537 3888

Lumenis Japan Ltd 3F, 7-1, 3-chome, Kudan, Chiyoda-ku, Tokyo 101-0064. Tel. +81 3 5218 0111

Lumenis Korea Ltd. 11F, 43-6, Seocho-daero, Gangnam-gu, Seoul 137-210, Korea. Tel. +82 2 755 4000

Lumenis India Ltd. 61/F, Devika Tower, 41, Golf Course Road, Mayur Vihar, Phase II, Sector-63, Gurgaon, Haryana 122001. Tel. +91 124 422 07 95

Redefining Holmium Laser BPH Treatments

MOLES – MOSES™ Laser Enucleation of the Prostate
The new generation of HoLEP
Leverage the power of the MOSES Pulse 120H for a more efficient tissue removal, leading to 20% increase in enucleation rate. The enhanced enucleation efficiency results in improved intraoperative vision and cleaner dissection of the capsular plane.

MOSES Vaporization – Acceleration in hand
The MOSES technology shows superior vaporization rate and efficiency compared to regular pulse, indicating potential reduction in procedure time.

Improved coagulation
Control hemostasis and keep bleeding minimal with the advanced pulse reshaping technology and customized dual pedal of the MOSES Pulse 120H.

MOSES Technology – The new era in Holmium laser Lithotripsy
Be it kidney, ureteral or bladder stone – the MOSES Technology provides a 360° lithotripsy solution for flexible ureteroscopy, PCNL and mini PCNL.

Shorter procedures
As shown in a randomized clinical trial, the MOSES Technology reduces procedure time by 20%, making your treatments faster and more efficient.

Limited retropulsion
With 60% less retropulsion, you can minimize the incidents of ureteral stone migration into the kidney. You may also avoid chasing the stones in the bladder or kidney.

Enhanced fragmentation
MOSES optimized energy transmission makes every shot count, thus reducing your fragmentation time by 25%.

Leave no stone behind
Advented ball-shaped tip enables a smooth initial insertion of the Moses 200 D/F/L through a flexible scope, and designed to minimize potential scope damage. Moses 200 D/F/L flexible fiber is designed to minimize scope deflection loss, allowing to reach difficult-to-access stone locations.

If the stone is hard to reach, just use the MOSES Distance mode, optimized to deliver energy at a distance, allowing you to reach stones in challenging locations.

"The MOSES technology has great potential in improving the efficiency of enucleation procedures and also enabling a faster learning curve.

In my initial clinical experience, I found that there was a smoother cutting effect, excellent hemostasis and improved visibility. Additionally, the enhanced vapor bubble significantly assists in separating the adenoma from the capsule, resulting in better orientation in the plane."

Prof. Ivano Vavassori, Azienda Ospedaliera Ospedale Treviglio Caravaggio, Italy

State of the art fibers and accessories

Vaporize tissue in full contact
Xpeeda™ D/S/L side firing fiber is designed to deliver increased energy transmission and enables work in full contact mode without causing deep tissue charring.

Focus on what matters during PCNL
Suction hand piece allows simultaneous laser lithotripsy and aspiration of stone fragments.

*Pending CE mark