

HOLMIUM:YAG LASER

Olympus EMPOWER H Laser Portfolio

More Versatility and Increased Frequency for Laser Therapy



Olympus EMPOWER H Laser Portfolio

More Choices to Meet the Challenges of Every New Day with Our Portfolio of High-Frequency Lasers

Laser System

The Olympus EMPOWER H laser portfolio empowers physicians and hospital systems with choices for a full-range line of Ho:YAG lasers and fibers to meet the diverse challenges of lithotripsy.

One Interface throughout the Entire Olympus EMPOWER Portfolio

The simple selection of settings allows for convenient treatment of procedures with clinically relevant parameters. An intuitive interface facilitates an easy transition between emission modes in a wide range of settings.

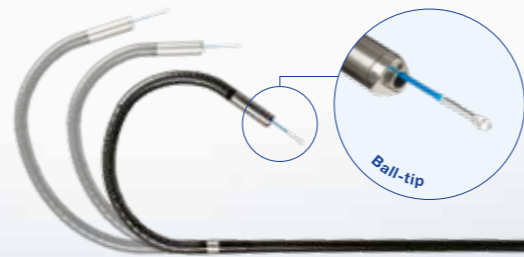
Various Emission Modes

The Olympus EMPOWER lasers offer specific emission modes for your individual surgical needs. The following options are available on each system:

Laser Model	Dusting	Fragmenting	Stabilization	Popcorning	BPH
H35	✓	✓			
H65	✓	✓	✓	✓	✓

Olympus EMPOWER Lasers Fibers

The laser fibers demonstrate comparable performance and product capability to competitive fibers. The ball-tip fiber allows you to maintain visualization of a stone as the fiber is inserted into a deflected scope.



Stabilization Mode on Olympus EMPOWER H65

The stabilization mode creates a path of vapor between the fiber tip and the stone to stabilize the stone during dusting, resulting in a reduced repulsion effect. The first part of the pulse is a short burst of high power, which creates a vapor bubble. The second part is the dusting laser beam, which affects the stone's surface.



Lithotripsy



High-frequency, low-pulse energy laser settings improve dusting

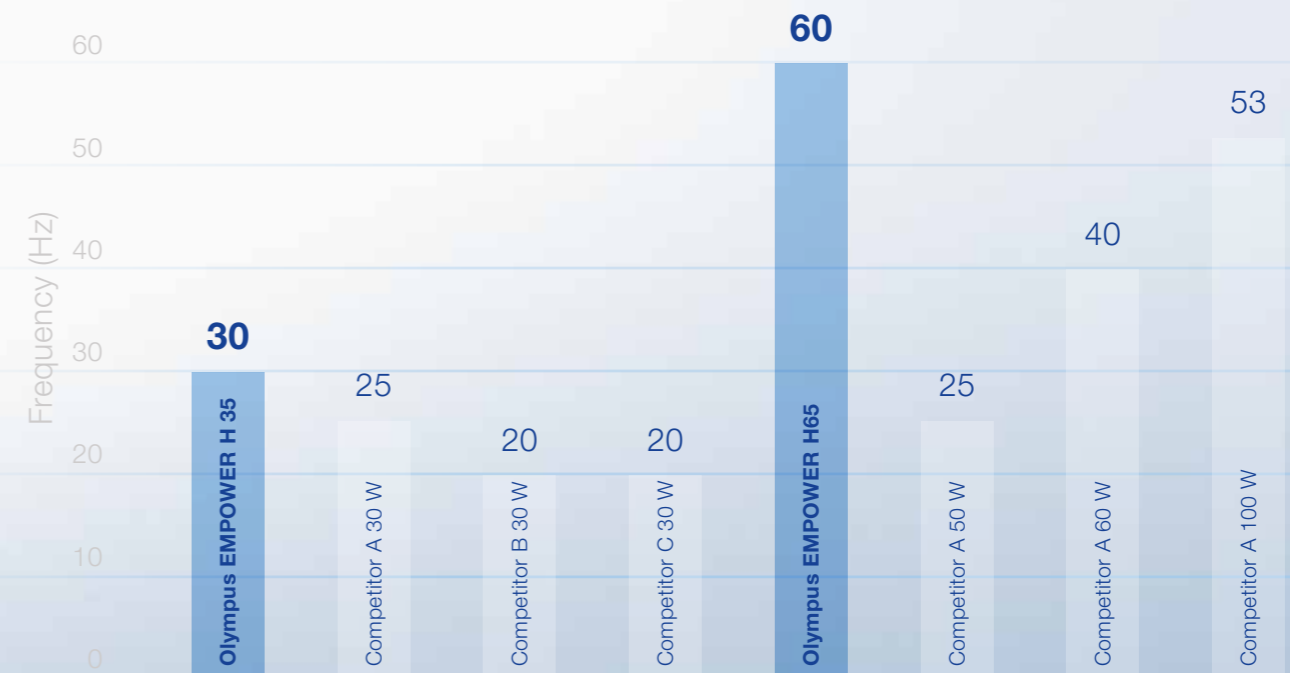
64%

of urologists reported using high-frequency, low-pulse energy settings associated with the dusting technique.¹

¹ Li Roger, Ruckle David, Keheila Mohamed et. al. High-Frequency Dusting Versus Conventional Holmium Laser Lithotripsy for Intrarenal and Ureteral Calculi. Journal of Endourology. Mar 2017, Vol. 31, No. 3

20 W to 100 W Laser Comparison – Higher Frequency Affords Greater Versatility

The efficient system design of the Olympus EMPOWER H35 and H65 enables higher-frequency settings compared to competitive systems at similar power offerings.



BPH Treatment



The Olympus EMPOWER H65 is also suitable for BPH treatment. It allows the user to switch between the following emission modes:

- **Holmium Laser Enucleation of the Prostate (HoLEP)** peels out the core of the prostate in its entirety. It is especially useful for larger prostates but can treat any prostate size.

- **Holmium Laser Ablation of the Prostate (HoLAP)** mode is used to vaporize excess prostate tissue.

- **Coagulation/Hemostasis** mode is designed to stop bleeding by being more gentle on the tissue.

Olympus EMPOWER H Laser Portfolio

 www.olympus.eu/medical

Specifications, design, and accessories are subject to change without any notice or obligation on the part of the manufacturer.

OLYMPUS

OLYMPUS EUROPA SE & CO. KG
Postbox 10 49 08, 20034 Hamburg, Germany
Wendenstrasse 14-18, 20097 Hamburg, Germany
Phone: +49 40 23773-0, Fax: +49 40 233765
www.olympus-europa.com