

# MULTIPULSE HO

YOUR HOLMIUM LASER WORKSTATION FOR LITHOTRIPSY



- ⊕ EFFECTIVE ON ALL STONE TYPES
- ⊕ 35W - UP TO 8 J & 30 Hz - LONGEST PULSE ON THE MARKET
- ⊕ OPTIMIZED PULVERIZATION AND FRAGMENTATION
- ⊕ TREATMENT FLEXIBILITY DUE TO VARIOUS SETTING OPTIONS
- ⊕ REMOTE MAINTENACE VIA INTERNET

**JENA SURGICAL**  
LASER AT YOUR SIDE

# INSPIRED BY LIGHT

## KEY FEATURES

- Powerful **HOLMIUM LASER** for endourology
- Maximum of **35 Watts** – ideal for lithotripsy
- Effective on **all stone types**
- **Long fiber** (4.5 m) available for GI duodenoscopic biliary stone fragmentations

## APPLICATIONS

### STONE TREATMENTS (LITHOTRIPSY)

Lithotripsy with the MultiPulse Ho is an excellent alternative to the traditional ESWL (Extracorporeal Shockwave Lithotripsy).

The wide range of multiple combinations of frequency and energy enables the urologist to choose the right setting for any treatment. High energy and low frequency are used for fast and rough fragmentation while low energy and high frequency settings allow stones dusting in so small Particles.

### MultiPulse HO's strength in lithotripsy:

- Works well on all stone compositions - unlike EHL, ultrasound or lithoclast
- Wide range of fiber size available
- Minimal stone movement

### Urethral Strictures

Treatment of urethral stricture, can now be quickly and effectively treated with holmium laser urethrotomy using the MultiPulse Ho



MultiPulse Ho	
Laser source	Ho:YAG
Wavelength	2,100 nm
Emission Mode	Pulsed wave (pw)
Power	Up to 35 W
Pulse Energy	0.2 – 8 J*
Repetition Rate	3 – 30 Hz
Pulse Duration	95 – 1900 $\mu$ s
Cooling	Internal Water Cooling
Control Panel	7" LCD TFT touchscreen
Device Accessories	Optional fiber handpieces and diverse cannulas Bare fibers (reusable and single use) available in following diameters: 200, 272, 365, 400, 550, 600, 800, 1000 $\mu$ m
Electrical Requirements	115 VAC, 50/60 Hz, 16 A 230 VAC, 50 Hz, 10 A
Dimensions and Weight	45 cm x 50 cm x 50 cm (W x D x H) - 53 kg

\*MultiPulse Ho for the USA is limited to 6 J.

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JenaSurgical is the brand of the surgical business unit of Asclepion Laser Technologies.



**VISIBLE AND INVISIBLE LASER RADIATION**  
Avoid eye or skin exposure to direct or scattered radiation  
Class 4 laser product

Maximum power	35 W
Pulse duration	1.9 ms
Wavelength	2100nm
Aiming beam (Class 3R)	<5 mW @632 nm
Standard	IEC/EN 60825-1:2014

MADE IN GERMANY ALWAYS THE  
LATEST PRODUCT INFORMATION



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