



# MH01 Laser

THE CHOICE IS YOURS



Innovation for Health

# MH01 LASER

## 30 WATT HOLMIUM YAG

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### PRODUCT FEATURES

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#### APPLICATION MODES

##### Lithotripsy

The MH01 Laser's breadth of settings enable the user to enact their technique of choice:

- Dusting - Long pulse setting enables stone vaporization
- Fragmentation - Short pulse setting facilitates the breaking of stones into smaller fragments

##### Tissue

- Coagulation of soft tissue
- Resection of soft tissue
- Incision/excision of soft tissue

#### MENU SETTINGS

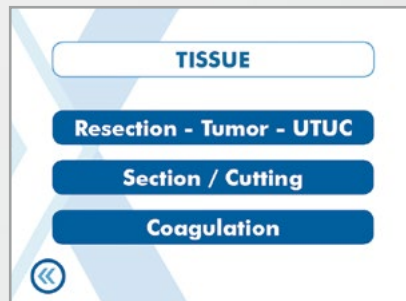
Menu settings include pre-programmed settings by stone type and can be adjusted to the user's needs

#### TOUCH-SCREEN DISPLAY

Allows the user to easily toggle between settings to change energy and frequency

#### CUTTING FIBER ALARM

Alarm sounds for 10 seconds, indicating the need to cut the fiber, which enhances fiber performance



With a user-focused design, the MH01 Laser includes an intuitive touchscreen menu with recommended settings to help the user choose the frequency while offering adaptability and ease of use.






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## 30W HOLMIUM LASER CHARACTERISTICS

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<b>Wave Length</b>	Ho:YAG 2100 nm
<b>Pulse Energy</b>	0.2 - 4J
<b>Pulse Frequency</b>	3 - 25 Hz
<b>Pulse Length</b>	95 - 1500 $\mu$ s
<b>Pulse Width</b>	100 - 1500 micro sec (lamp)
<b>Pulse Length Regulation</b>	Automatically
<b>Identification of Fiber</b>	Fiber RFID with TAG devise
<b>Average Power</b>	Up to 30W
<b>Wavelength</b>	2100nm $\pm$ 20nm
<b>Electrical</b>	100 - 120 VAC : 50/60 HZ 16 A 200 - 240 VAC : 50/60 HZ 10 A
<b>Dimension</b>	938 x 332 x 967 (H x W x D) mm
<b>Weight</b>	60 kg

### LASER FIBERS

#### REUSABLE LASER FIBERS

The reusable laser fiber is a durable and flexible optical fiber that may be sterilized and reused up to 10 times.

An RFID chip holds the fiber's history, displaying the number of uses remaining.

The design is proprietary.

#### SINGLE USE LASER FIBERS

A durable and flexible optical fiber, the single use laser fiber is sterile and individually packaged. The design is proprietary and contains and RFID chip recognized by the MH01 Laser.

# THE CHOICE IS YOURS

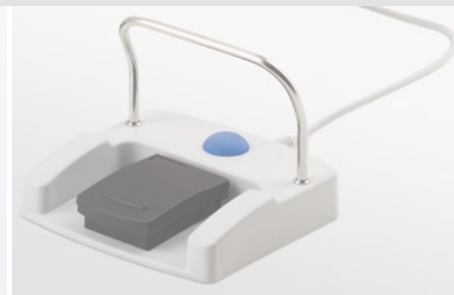
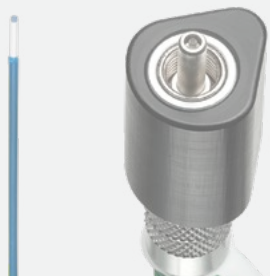
## MH01 30 WATT HOLMIUM YAG LASER

The MH01 Laser is a 30 watt holmium YAG laser featuring a range of frequencies and energy. This laser enhances efficiency in stone treatment by allowing the user to choose stone type and treatment technique.



CATALOG NUMBER	DESCRIPTION	
<b>MH01 Laser</b>		
09-0034	Holmium Medical Laser, 30 W	
<b>Reusable Laser Fibers</b>		
09-0043	Reusable (up to 10 times), 200µm surgical optical fiber RFID, provided sterile	5/box
09-0044	Reusable (up to 10 times), 272µm surgical optical fiber RFID, provided sterile	5/box
09-0045	Reusable (up to 10 times), 365µm surgical optical fiber RFID, provided sterile	5/box
09-0046	Reusable (up to 10 times), 550µm surgical optical fiber RFID, provided sterile	5/box
09-0047	Reusable (up to 10 times), 800µm surgical optical fiber RFID, provided sterile	5/box
<b>Single-Use Laser Fibers</b>		
09-0048	Single-use, sterile 200µm surgical optical fiber RFID	5/box
09-0049	Single-use, sterile 272µm surgical optical fiber RFID	5/box
09-0050	Single-use, sterile 365µm surgical optical fiber RFID	5/box
09-0051	Single-use, sterile 550µm surgical optical fiber RFID	5/box
09-0052	Single-use, sterile 800µm surgical optical fiber RFID	5/box

Rx Only. For complete instructions and other information refer to the insert accompanying each product. © 2018 LABORIE. All rights reserved.



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