

# MH01 Laser

30 WATT HOLMIUM YAG

## The Choice is Yours

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.



**Cogentix**  
Medical

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## 30W Holmium Laser Characteristics

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

## 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

## Product Features

### Menu Settings

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

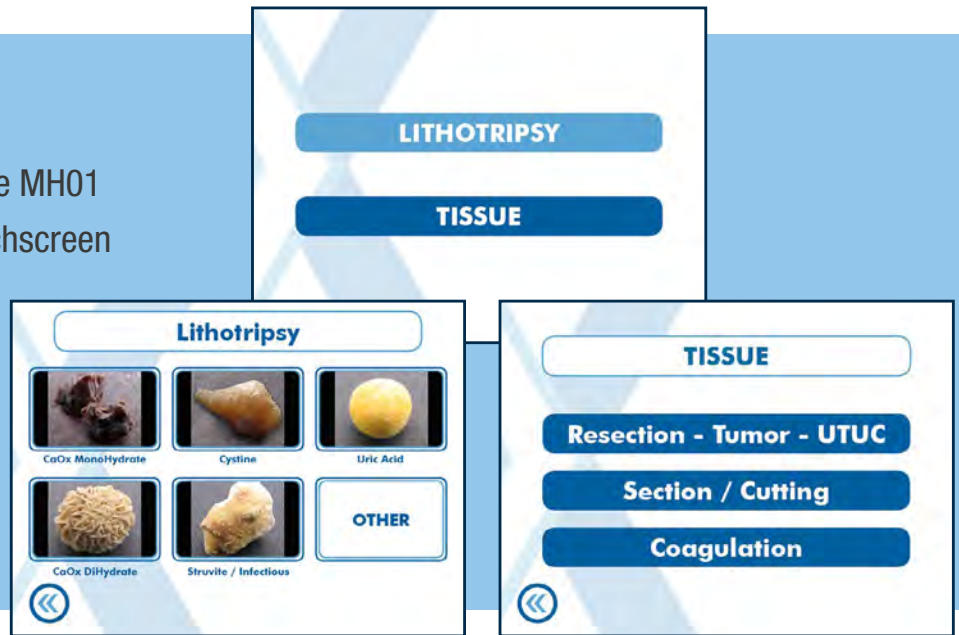
### Touch-Screen Display

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.



## Laser Fibers

Cogentix Medical offers single use and reusable laser fibers for use with the MH01 Laser.

### 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 an RFID chip recognized by the MH01 Laser.

### 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.



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## Product Information

CATALOG NUMBER	DESCRIPTION	
MH01 Laser		
09-0034	Holmium Medical Laser, 30 W	
Reusable Laser Fibers		
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
Single-Use Laser Fibers		
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

**Cogentix**  
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