

Laser

**Performance in Motion,
Precision in Action**





Portable Holmium Laser System

Designed for lithotripsy, coagulation and tissue ablation

Clinical Overview

- Laser wavelength of 2100 nm is absorbed by water.
- Soft tissue incision, excision, resection, ablation, vaporization, coagulation, hemostasis and lithotripsy.
- Due to precise penetration (0.3 - 0.4 mm) in the targeted areas, surrounding tissues are protected.

Features



HIGH POWER

40 Watts of High Peak Power,
for efficient stone fragmentation



PULSE ENERGY

High pulse energy of **6 J** offers precise
control even for the hardest stones



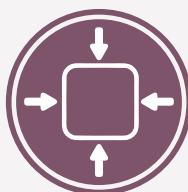
HIGH FREQUENCY

30 Hz, for excellent stone popcorn and dusting



LARGE PULSE WIDTH

1500 μ s, for assured fragmentation



COMPACT & PORTABLE

Ease of mobility

Operating Modes



Fragmentation Mode

Delivers focused energy for controlled fragmentation of calculi into retrievable fragments.



Popcorn Mode

Creates continuous fragment circulation within a confined space, enabling accelerated secondary fragmentation.



Dusting Mode

Generates fine particulate debris to facilitate spontaneous clearance without basket extraction.



Technical Specifications

Output Power (Max)	40 WATTS
Laser Frequency	5-30 Hz
Pulse Energy	0.1 - 6.0 J
Laser Type	Holmium Laser (Ho:YAG)
Laser Wavelength	2.1 μ m
Pulse Duration	90 - 1500 μ m
Wave Length of Aiming Light	532 $\pm$ 10 nm
Max Output Power of Aiming Light	3 mW
Cooling System	Internal Cooling System
Fibers	200, 276, 365, 550, 800, 1000 μ m
Main Supply	220 V + 22 V / 50 Hz Available
Dimension and Weight	466 mm(W) x 496 mm(H) X 560 mm(L) - 45 kg
Laser Mode	Fragmentation, Dusting and Popcorn

 Manufactured by

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