

Thulium Fiber Laser

Vikrant 40/400W

65/650W

Thulium Fiber Laser - Kidney Stone , BPH & Soft Tissue Management



India's first QCW Laser

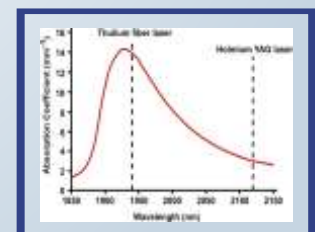
Applications

- ◆ Laser Lithotripsy- Fragmentation, Dusting , Pop corning
- ◆ Enucleation of BPH – ThuFLEP
- ◆ Vaporization of BPH
- ◆ Resection of the bladder wall with tumor
- ◆ Vaporization of tumors of the bladder and upper urinary tract
- ◆ Dissection of strictures



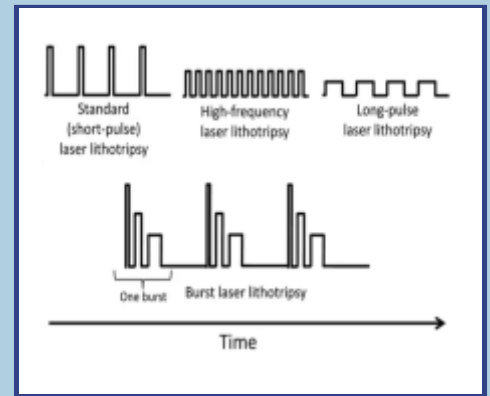
Why Thulium Fiber Laser

- ◆ Air cooling system
- ◆ Faster Lithotripsy
- ◆ Better Safety while surgery as depth of penetration is less as compared to Ho- Yag Laser.
- ◆ Excellent Fragmentation Rate
- ◆ Moses Effect



Vikrant- 40/400W 65/650W

- ◆ 1940nm wavelength
- ◆ 2 times Faster Lithotripsy
- ◆ Minimised Retropulsion
- ◆ 4 times better absorption in water
- ◆ Thulium Laser with Continuous Mode & Peak Pulse Mode
- ◆ 40W/400W & 60W/600W
- ◆ No Noise Production
- ◆ Reduced Cost
- ◆ Disposable & Reusable fiber
- ◆ Standard power supply
- ◆ High Cutting Efficiency
- ◆ Excellent Hemostatic ability which makes prostate surgery highly efficient.



Laser Fibers

Fiber Thickness – 150,200,250,300,600 micron.



Technical Specification

Specification	Vikrant 40T/60T	Beam Delivery	Wide range of flexible silica fibers
Power output	UP to 40 W/ 60 W	Aiming beam	532nm (adjustable<5mW) - Class 3R
Repetition rate	Up to 2500 Hz	QCW	400W/650W
Energy per pulse	0.005J-6 J	Activation	Double Footswitch
Wavelength	1940 nm	Cooling	Air Cooling System
Mode	Super Pulsed/Pulsed/ CW	Electrical requirement	100 -240V: 50/60 Hz :1000 VA
Pulse Duration	200 μs -50ms	weight	40 kg
Laser Type	Thulium fiber laser	Warranty	2 Years



ISO 13485:2016



ISO 9001:2015

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