

Technical specifications for Holmium Laser & Flexible Ureteroscope

1. **Holmium laser** for urinary stone fragmentation with standard laser fiber & accessories

Laser Type	:	Pulse Holmium yag
Wave length	:	201 microns
Pulse duration	:	250- -250 micro secs adjustable
Power to tissue	:	variable 1-20 watt
Energy per pulse:		0.2 J – 4 J
Aiming beam	:	3 Milliwatts , red
Beam delivery	:	200-400 micron fibre – 3 each size
Purpose	:	For stone lithotripsy through rigid /flexible endoscope
Electric service	:	220 v 15 amp 230 single phone
Cooling	:	self-contained (air / water)

2. **Flexible uretero –Reno scope** with standard accessories

- Tip 5 fr to 7 fr
- Shaft 8fr to 9 fr
- Channel 3.6 to 4 fr
- Working length 600 -700 mm
- Direction of view 0 to 9 degree
- Field of view 60-90 degree
- Active tip deflection 180 -275 degree up & down
- Accessories:
 - 3 fr grasping forceps -2
 - 3 fr biopsy forceps -2
 - stone basket nitinol -3
 - (Without tip straight 1.9 fr 4 wire)
 - coagulation electrode -2