

## Holmium Laser 120Watts

### Specification :

- Enucleate, Vaporize and Resect circulated adenoma tissue in BPH treatment of any size.
- Fragment calculi of any size in the bladder, ureter or kidney and any impacted stone fragment.
- Do Stone Dusting.
- Function of simultaneous fragmentation & suction for PCNL.
- Ablate superficial bladder tumors, urethral & ureteral tumors.
- Treat invasive bladder carcinoma & condylomas and lesions of the external genitalia.
- Power output of 120watts.
- Supplied with a Foot switch with Two foot pedals. Foot pedals used for Cut/coag and Fragmentation/Dusting of Stones.
- Repetition rate of 5-80Hz.
- Energy per Pulse of 0.2-6 Joules.
- Adjustable pulse width.
- Green aiming beam of 2.5mw at 650nm, 3 intensity settings.
- Touch Screen Colour Display and should rotate 360 Degrees.
- Fiber & Suction tube support arm.
- Voice Confirmation Indicating System's operational status.
- Closed loop, self contained water to air exchanger cooling system.
- Useable with 200-240 VAC 50/60Hz, <46Amp's Power Supply.
- Supplied with following accessories:

|  |    |
|--|----|
| (1) 550 Micron Reusable, Flexible Fiber      | 10 |
| (2) 365 Micron Reusable, Flexible Fiber      | 10 |
| (3) 200 micron Reusable, Flexible Fiber      | 10 |
| (4) 550 Micron Side Fire Fiber for Ablation. | 10 |
| (5) 550 Micron Stripping and cleaving (set)  | 1  |
| (6) 365 Micron Stripping and cleaving (set)  | 1  |
| (7) 200 Micron Stripping and cleaving (set)  | 1  |
| (8) Fibre Inspection Scope                   | 1  |
| (9) Ceramic Scissors                         | 1  |
| (10) Laser Safety Goggles                    | 2  |
| (11) Laser Safety Glasses                    | 3  |
| (12) Disposable Suction Hand piece for PCNL  | 20 |



➤ Tissue Morcellator:

The Tissue Morcellator provide rapid endoscopic removal of soft tissue and a compatible suction-irrigation pump for continuous irrigation and aspiration of irrigation fluid and enucleated tissue.

**Tissue Morcellator should include :**

- One control box,
- One Regular hand piece
- One Inverted Hand Piece
- Two blade sets:
  - (1) Outer Blade-Outer Dia 0.47cm/length 39.5cm
  - (2) Inner Blade-Outer Dia 0.39cm/ Length 51.25cm
  - (3) The blades should be of rotating type.
- Two pieces of sterile tubing.
- Integrated tissue collection disposable kit. (20 No.s)
- One package each of 3 long cleaning brushes, 3 short cleaning brushes, and 3 endoscope adaptors.

**Laser Resectoscope Set which includes the following :**

- 4mm 30 degree telescope, autoclavable -1
- Cystoscope sheath -22 Fr-1
- Outer sheath and inner sheath -26-26.5 Fr-1
- LASER bridge -2
- LASER Working element -1
- Visual Obturator -1
- Ellik's evacuator -1
- Single Chamber Imported Tissue Evacuator -1
- Fibre Optic Cable -1
- Morcelloscope -1
- Compatible UPS System should be supplied with the 120 W LASER system.
- Simulator for Holey Training

Supplied with Holey Simulator for Clinical Training Purpose.  
 Simulator supplied with 25 Prostate Inserts.

**HPLC Servicing, Validation, Trainings and Preventive Maintenance :**

- HPLC Servicing :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.
- Trainings :We also take up preventive Maintenance to reduce downtime of HPLC's Trainings.
- AMC's/CMC :AMC's/CMC :We offer user training both in-House and at customer sites on HPLC principles, operations, troubleshooting.
- Validations :Validations :We have protocols for carrying out periodic Validations as per GLP/GMP/U SFDA norms.
- Instruments :Instruments :We offer instruments / Renting Services Modules like pumps, detector etc. on Rent.



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### Our Products & Technologies :

|   |   |   |   |  |   |   |
|---|---|---|---|--|---|---|
|  |  |  |  |  |  |  |
| UV/VIS Spectro 2060+ Double Beam  | FTIR  | Gas Chromatograph 3000  | Gas Chromatograph 2979 Plus   | Flash Chromatograph  | Atomic Absorption Spectrophotometer   | Liquid Partical Counter   |
|  |  |  |  |  |  |  |
| Optical Emission Spectrophotometer  | DSC/TGA   | NOVA 2020 plus Automated Bio Chemistry Analyzer                                     | HEMA 2020 Hematology Analyzer   | Micro Plate Reader/Washer  | URINOVA 2800 Urine Analyzer   | Total Organic Carbon  |
|  |  |  |  |  |  |  |
| Fully Automated CLIA  | NOVA Basic Semi-Auto Chemistry Analyzer   | PCR/Gradient PCR/ RTPCR   | Blood Gas Analyzer  | Random access Analyzer for immunoassay Proteins & clinical chemistry                 | Semen Analyzer  | Water purification system   |

## Regulatory compliances :



## Corporate Social Responsibility :



Analytical Foundation is a nonprofit organization (NGO) found for the purpose of:

1. Research & Innovation Scientist's awards / QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at [Info@analyticalfoundation.org](mailto:Info@analyticalfoundation.org)

2. Improving quality of life by offering YOGA Training courses, Work shops / Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds, souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

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