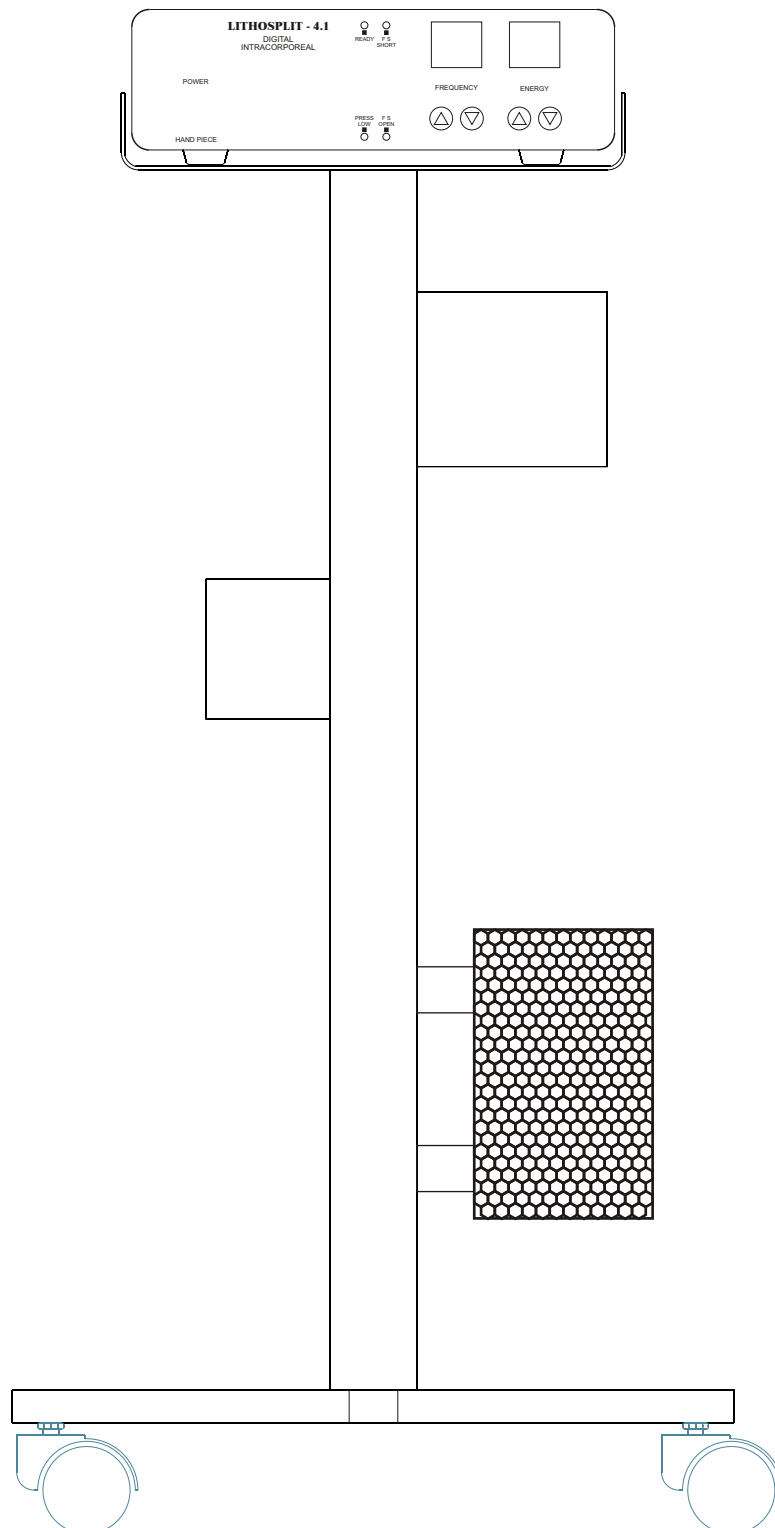


LITHOSPLIT 4.1 DIGITAL

INTRA CORPOREAL PNEUMATIC LITHOTRIPSY



www.Apex-Meditech.com



LITHOSPLIT

Any urinary stone



One system



www.Apex-Meditech.com



LITHOSPLIT

Hi-tech Electronic Console



Unique Proportional Frequency Controller

A state-of-the-art unique Proportional Frequency Controller is provided only on LITHOSPLIT 4.1 to control the device easily whilst operating. The operating frequency is increased proportionate to the pressing of a foot switch. A surgeon does not need to change the frequency by pressing keys during the procedure. When selected initially the system starts at a frequency of 1Hz when a foot switch is pressed as usual. Press a foot switch further to increase frequency. The selected frequency is shown as usual on the display. Frequency can be varied in between full available range by pressing foot switch. Release a foot switch as usual to stop machine triggering.

Frequencies of impacts

There are total thirteen choices. Twelve repeat frequency starting 1 per second up to 12 per second. In addition Mono mode is provided to control the trigger precisely.

Energy control

Easy to use Electronic control is provided to set a desired energy level from 1 to 10. This wide range of control allows a Surgeon to disintegrate stone of any hardness and size easily.

Universal operating voltage range

The system operates on any voltage in between 90 and 265V AC, 50/60Hz.

www.Apex-Meditech.com



LITHOSPLIT

Example of High Precision Engineering



LITHOSPLIT Super Hand Piece

High precision LITHOSPLIT Hand Pieces use matched piston and cylinder to give a long and reliable service life. It is very easy to assemble. There are various choices of sterilisation. Its efficacy is proved for disintegrating hard and large stones.



LITHOSPLIT Probes

Probes are available in various sizes to treat stones in bladder, urethra or kidney. 0.8mm and 1.0mm probes are used for URS. 1.5mm is designed for locations in bladder and kidney. A strong 2.0mm probe works very well on large and hard stones in kidney.

www.Apex-Meditech.com



LITHOSPLIT

Salient features

- No thermal injury to tissue
- Runs on any of the sources, Oxygen Cylinder, Central Ox. Supply or Compressed Air
- Unique Proportional Frequency Controller
- Easy to assemble and operate
- 13 Frequencies of Impacts, One MONO and twelve Multiple
- Digital Energy Level Adjustment
- Light-weight **LITHOSPLIT Super** Hand Piece
- High precision engineered Hand Piece
- Long Lasting Probes
- Demonstration Video CD includes, Live URS, PCNL and Bladder Stone Procedures
- Ultra High Speed Microprocessor
- Unique Foot Switch Fault Detection system
- Pneumatic Foot Switch
- Full Digital System
- Extra Power for super-fast disintegration of even hard stones
- Simple Feather Touch Keys
- Advanced logic for Improved Energy Control
- Portable, Light Weight system
- Free Carrying Case



Free Carry Case

www.Apex-Meditech.com



LITHOSPLIT

Optional Stand



The parts and accessories supplied may not be the same as shown in the pictures
The console shown on the stand is not a part of the stand

Optional Bridge



www.Apex-Meditech.com



APEX
MediTech

LITHOSPLIT

Technical Specifications

Control Unit

Method	Based on Ultra High Speed Micro Processor
Supply Voltage	91-256V AC @ 50-60 Hz
Power	10 Watts (max)
Fuse	1A, 5X20mm, Fast Blow
EN60601-1 Class	I
EN60601-1 Type	B
Power entry	Panel mounting IEC C14 inlet for three wire detachable cable.
Frequencies of Impacts	Single (Mono) & twelve Multiple, total thirteen choices
Input Pressure max.	4 kG/cm ²
Output Pressure max.	4 kG/cm ² (depends upon Input Pressure)
Energy Level	1 to 10 (programmable through Key on front)
Input gas	Compressed air or Compressed Oxygen
Operating temperature	15° - 35° C
Dimensions	85 mm H X 225 mm W X 230 mm D
Weight	1.9 kG
Degree of protection	IP20

Hand Piece

Input Pressure	Controlled by the Control Unit
Dimensions	220 mm L (without Probe), 18 mm Dia.
Weight	140 gms (without Probe)
Sterilization methods	Ethylene Oxide, Formaldehyde or Gluteraldehyde 2%

The parts and accessories supplied may not be the same as shown in the pictures.
Colour and appearance of the device may not be the same as shown in the pictures.
Images are shown just to understand the system. All parts and accessories may not be supplied.
Specifications are subject to change without prior notice



Manufactured by

Apex MediTech

S No.635/1, Plot 49, Vaibhav Society,
Canara Bank Lane, Off Swami Vivekanand Rd,
Bibwewadi, Pune, 411037, India

Phone +91 20 - 24410630, 24410634

E-mail : sales@apex-meditech.com

Quality approved to
ISO 13485:2016
ISO 9001:2015



Buy



Request Technical
Documents



Support

Australia | Belgium | Brazil | Canada | Cyprus | Egypt | France
Germany | Great Britain | India | Indonesia | Italy | Morocco
New Zealand | Peru | Romania | Spain | Switzerland
The Netherlands | Venezuela

www.Apex-Meditech.com