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## **SPECIFICATIONS FOR INTRA CORPOREAL PNEUMATIC LITHOTRIPTER**

An Intra corporeal Lithotripter should have following specifications:

- It should be light weight, compact and easy to operate.
- Repetition rate from 1 to 12 Hz.
- Ballistic energy to fragment even the hardest stones.
- A dual pedal footswitch to operate.
- Single or multiple mode selection should be from the dual pedal foot switch itself.
- The hand piece should be sterilizable.
- Facility to integrate the hand piece to the suction equipment should be provided.
- Dedicated medical grade compressor should be supplied
- Should be able to withstand pressures from 3.5 to 5 Bar
- Displacement measured under standard conditions (2 bar) should be ideally less than 1.5 mm
- Facility to collect the stone fragments.
- Manual override to operate the machine in case of electronic failure of the control unit should be available.
- The unit should be supplied with movable trolley manufactured by the same manufacturer
- The unit should be quoted with suitable UPS of adequate rating for 30 minutes power backup.