



Advin Lithotripter – Digital
(intra corporeal Pneumatic lithotripter)


www.advinurology.com

Advvin

Urology



LATEST INNOVATIONS with
TIME-HONORED RELIABILITY



Advin Lithotripter - Digital

Advin Lithotripter Digital is digitally controlled microprocessor based Intra Corporeal Pneumatic lithotripter.

It is a most reliable device, found to be very safe and user's friendly for fragmenting stones in the Kidney, Ureter and Urinary Bladder.

Features of Advin Lithotripter Digital

01

Most effective method for the removal of large calculi.

02

Faster stone removal compare to other stone removal procedure.

03

No heat generation on the tip of the probe so no damage to the mucosa.

04

Tissue remains unchanged.

05

Highly precise electro-pneumatic device.

06

Users Friendly, Easy to operate, No Maintenance Cost.

07

Rigid probe provides rapid and safe fragmentation of the large and hard calculi.

08

Used in Kidneys, Ureter and bladder stone Fragmentation.

09

Very Efficient Fragmentation of Stone.

10

Decrease risk of Thermal Injury compare to other Lithotripsy Procedure.

Advin Lithotripter - Digital Accessories Includes

Pneumatic Control Unit	01	Oxygen Regulator	01
Hand Piece	01	Mains Cable	01
Probes	08	Air Tubing	02
Foot Switch	02		

Control Unit

Frequency: 1 pulse/ second - 12 pulse/second

Control unit have Pressure and frequency knob, where we can control pressure as well as frequency as per required in various surgery and monitoring it via Digital Display.

Features of Control Unit :

- Microprocessor based Compact Digital Model.
- Compact and mobile Control Unit.
- Well balanced control unit .
- Easy to operate, Zero maintenance cost.
- Durable and Users Friendly.
- Provides very accurate single pulse or continuous pulse.

Hand Piece

Hand piece contains Cylinder, Piston, Piston Cap, Cap of Hand Piece, and Bottom nut.

Cap is available for URS probe as well as PCNL Probes.

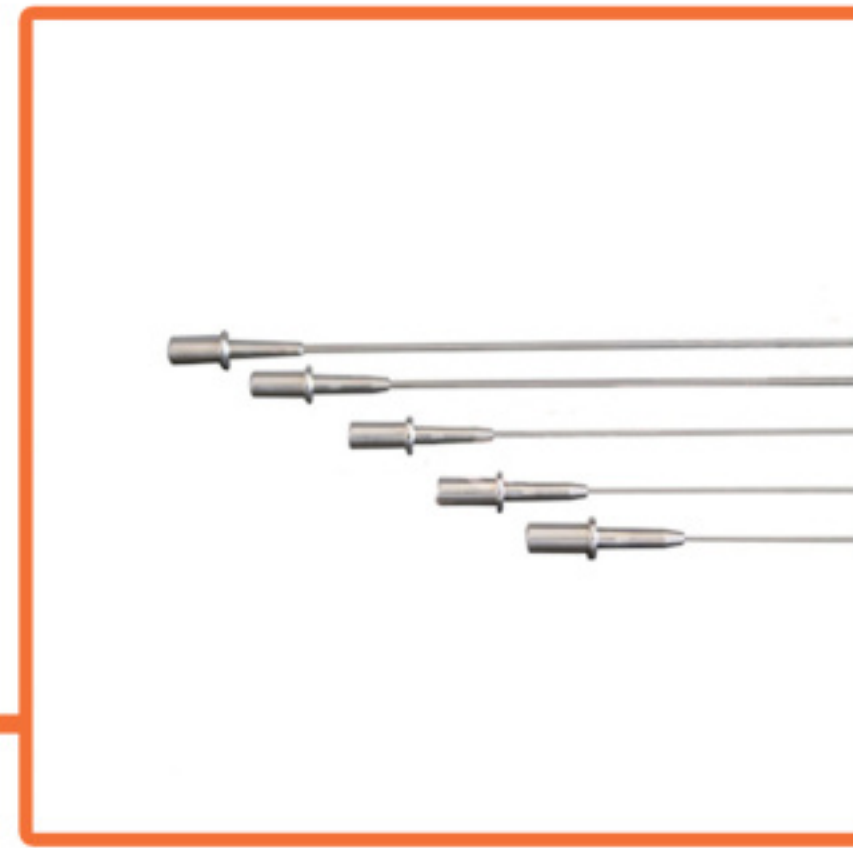
Sterilization: Formalin chamber OR Cidex.

Features of Hand Piece :

- Light weight.
- Reduce probe displacement
- Greater Fragmentation Control
- Easy to change probe
- Durable
- Easy to operate
- Long life



Hand Piece
Probes



Oxygen Regulator
Foot Switch



Probes

Probes are made from High Medical Grade Stainless Steel material.

Probes are compatible with Ureteroscope, Nephroscope and Cystoscope.

Sterilization: Formalin chamber OR Cidex.

Features of Probes :

- Cost Effective
- Durable
- Long Life

Oxygen Regulator

Oxygen regulator use to connect with Oxygen Cylinder or Central Oxygen Line in Hospital. Oxygen regulator control output pressure through knob.

Extra Accessories

Advin VAC Suction

Advin VAC is an additional component for use with Advin Lithotripter Digital - Intra Corporeal Pneumatic Lithotripter via suction hand piece for Ureteroscopy as well as Nephroscopy procedures.

Adaptor

Adaptor connects with Hand Piece and help to prevent bend of Probe.

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Lithotripter - Digital

Technical Specification



Technical Specification (Advin Lithotripter Digital)	
Control Unit	Size: L 19 cm X W 23 cm X H 12 cm Weight: 1.9 Kg
Hand Piece	Length : 18.5 Cm Weight : 0.15 Kg
Supply Voltage (Compatible With)	220 - 240 AC Volts, Frequency 50 Hz 110 - 130 AC Volts, Frequency 60 Hz
Power Consumptions	30 - 40 Watts
Input Gas	Compressed Dry Air /Oxygen
In Let Pressure To Control Unit	4 Kg / cm ² - 6 Kg / cm ² by oxygen regulator
Out Let Pressure Indication	0 - 5 Kg / cm ² by Digital Display
Freq. of Impact	<ul style="list-style-type: none"> Single Pulse Multiple Pulse - 1 pulse/second to 12 pulse/second
Probes	
For Ureteric Stones (Ureterenoscropy Probes)	Size: 0.8mm, 1mm, 1.1mm, 1.2mm, 1.4mm, 1.5mm Weight: 610 mm
For Kidney Stones (PCNL Probes)	Size: 2.5mm, 3.0mm Weight : 450mm
For Bladder Stone	Size: 1.5mm Weight : 460mm
Pressure Range	
Types of Stone	Operating Pressure
Ureteric stones	1 kg./cm ² to 2.5 Kg./cm ²
Kidney Stones	1 kg./cm ² and 4 Kg./cm ²
Bladder Stones	1 kg./cm ² and 4 Kg./cm ²

Advin Urology

Pneumatic Lithotripter
PC Based Uroflowmetry
Weight Based Uroflowmetry
LED Light Source
Resectoscope SET / TURP SET
Urology Disposables
Endoscopic Accessories

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