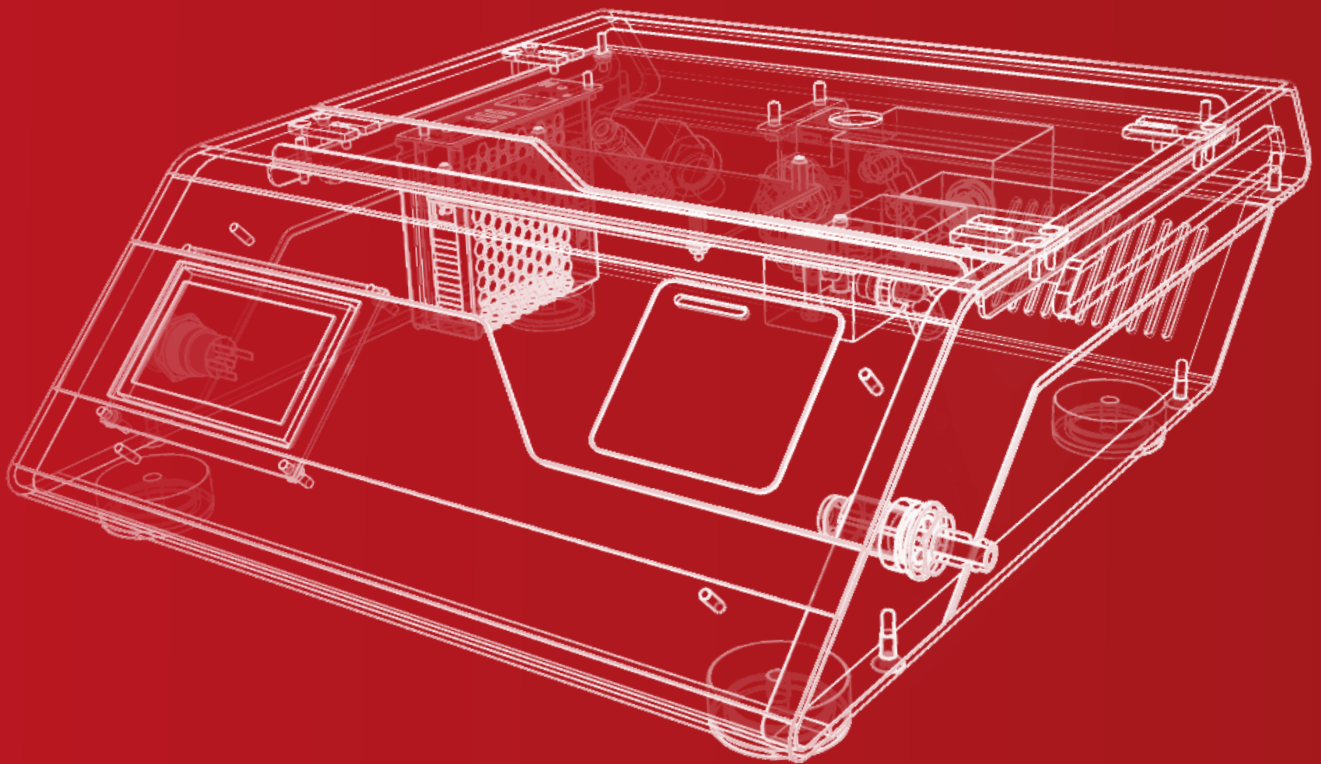


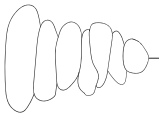
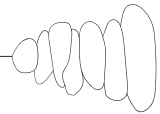
# LITHOBOX



PNEUMATIC LITHOTRIPTER



**İNCELER**



**LITHOBOX**  
**THE EFFECTIVE SOLUTION TO  
CRUSHING OF KIDNEY STONE!**



Lithobox with  
LED screen and  
External Compressor



*Lithobox Pneumatic Lithotripter is an Intracorporeal Kidney Stone crushing equipment that works with the principle of electro-pneumatic action-reaction theorem, Isaac Newton's Law of Motion.*

**Lithobox Pneumatic Lithotripter System works on the principle of ballistic movement energy from compressed air, which makes the bullet hit the probe and create electro-pneumatic ballistic power that is transferred over the kidney stone to destroy it.**



**SUPERIOR QUALITY  
AFFORDABLE ECONOMIC CAST**

- > Modern and practical designed Lithobox Pneumatic Lithotripter has an effective and powerful system for intracorporeal kidney stone crushing, which is the result of R&D activities..
- > Lightweight and portable system.
- > **Able to work with compressed air system and portable air compressor**
- > **Although it is not a priority, external oxygen cylinder can also be used for short term usage.**
- > All products in the set are original and compatible.
- > Safe, effective, and has a medical isolation transformer, so it does not have an electrical risk. Tissue damage does not occur because heat is not produced.
- > Minimizing the need for spare parts with an adjustable feature for length and settings of the endoscope and sterilized, reusable, durable probes.
- > Low cost for installation, maintenance and operation.



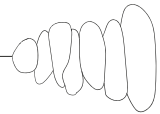
**EASY AND CONVENIENT  
APPLICATION**

- > Ergonomic Lithobox Pneumatic Lithotripter is easy to use and can be followed up with the help of a digital control system with three different memory channels.
- > Single and Multiple shot modes are digitally adjustable. The digital counter panel is able to monitor the total number of shocks.
- > Operation pressure is adjustable by touch screen monitor control panel independently from source of air.
- > Slight and ergonomic handpiece is convenient to use for applications and different types of probes with flexible, semi-flexible and rigid.

TREATMENT  
PNL  
URS  
TREATMENT



**MORE THAN WHAT YOU EXPECT FROM  
PNEUMATIC LITHOTRIPTER LITHOBX**



## LITHOBOX PNEUMATIC LITHOTRIPTER

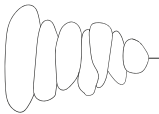
### ACHIEVE THE SUCCESS WITH HANDPIECE!

- > Powerful closed system and lockable pneumatic handpiece
- > Provides IP67 featured 100% waterproof closed system
- > Can be sterilized.
- > Entire mechanism is isolated from the water. Therefore, problems as frozen and clogging will not occur.
- > Completely working stable, steady and trouble-free.



New mechanism makes it easier to pling in and out probes from handpiece.

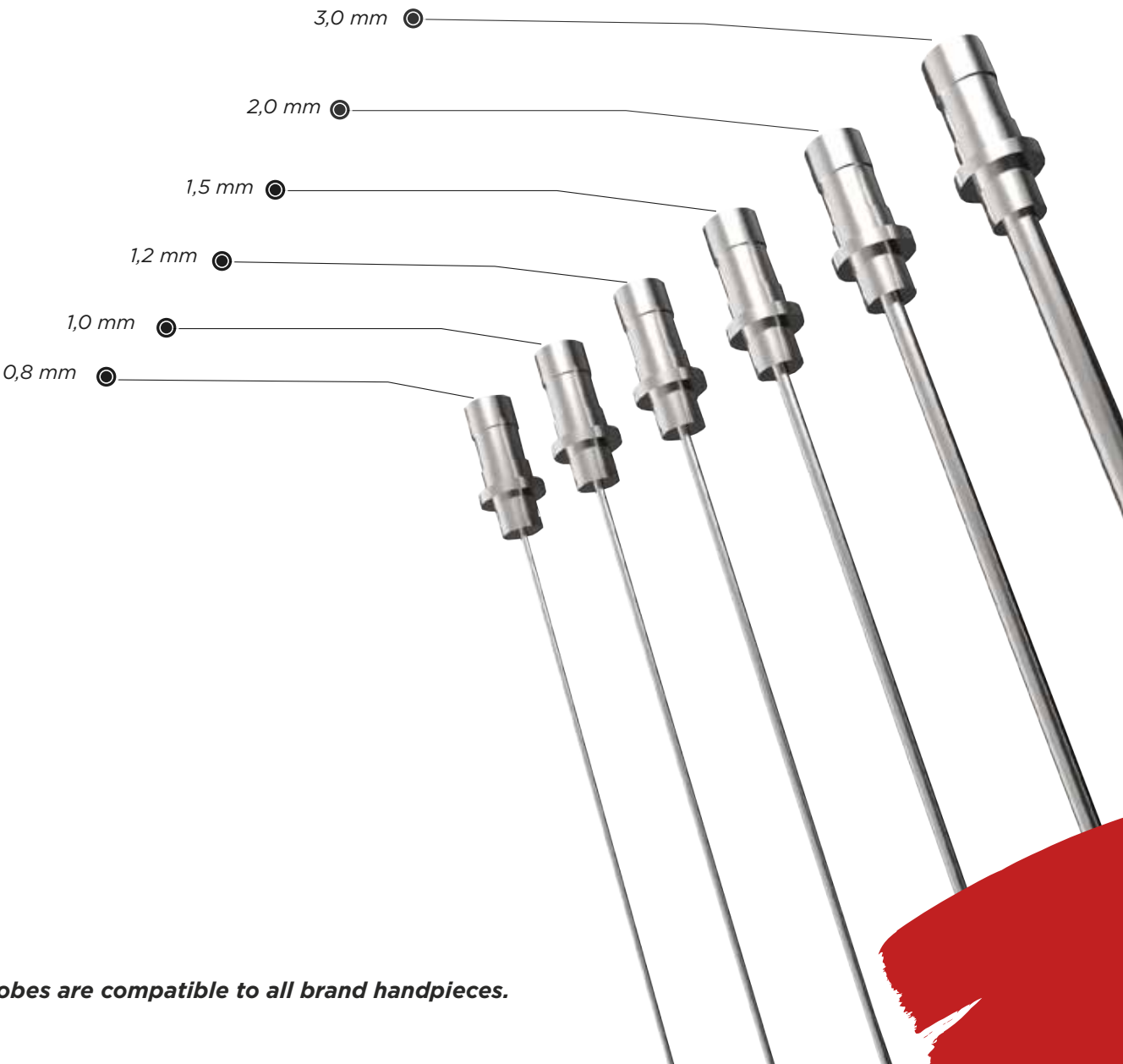
Compatible to all Pneumatic devices.



## PNEUMATIC PROBES

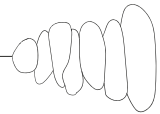
### CONTINUOUS POWER, SMOOTH CRUSHING!

- > Our Probes are produced in six different sizes as below;
- > 0.80 mm, 1.00 mm, 1.20 mm, 1.50 mm, 2.00 mm, 3.00 mm.
- > 0.80 mm and 1.00 mm probes are full flexible.
- > 1.20 mm prob is semi-flexible.
- > 1.50 mm, 2.00 mm ve 3.00 mm probes are rigid
- > Different probe options are available based on the application for kidney stone crushing operations.



Pneumatic probes are compatible to all brand handpieces.





Lithobox  
Suction Apparatus

> LITHOBOX SUCTION APPARATUS

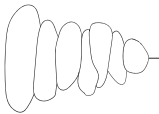
The specially designed Lithobox suction apparatus is the effective solution to increase surgical efficiency through superior liquid suction and aspiration on tissues during the operation.



Lithobox  
Foot Pedal

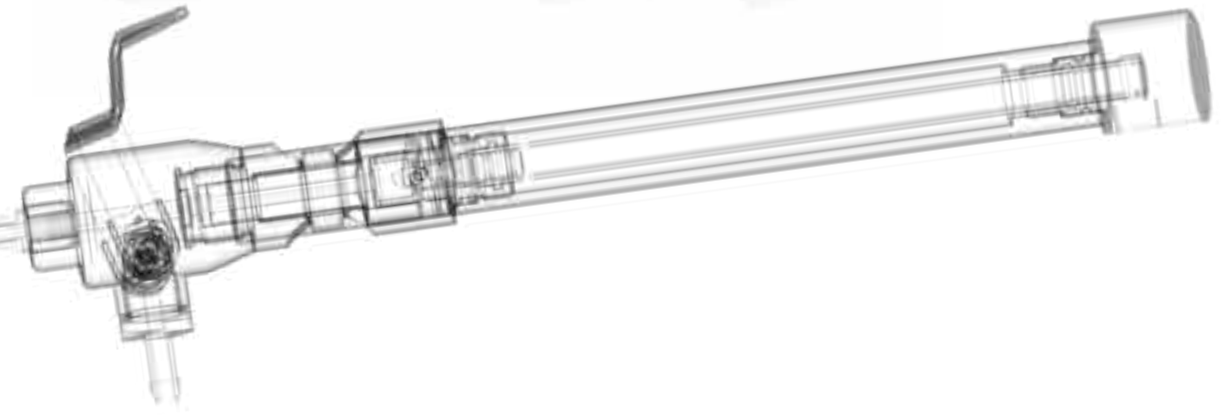
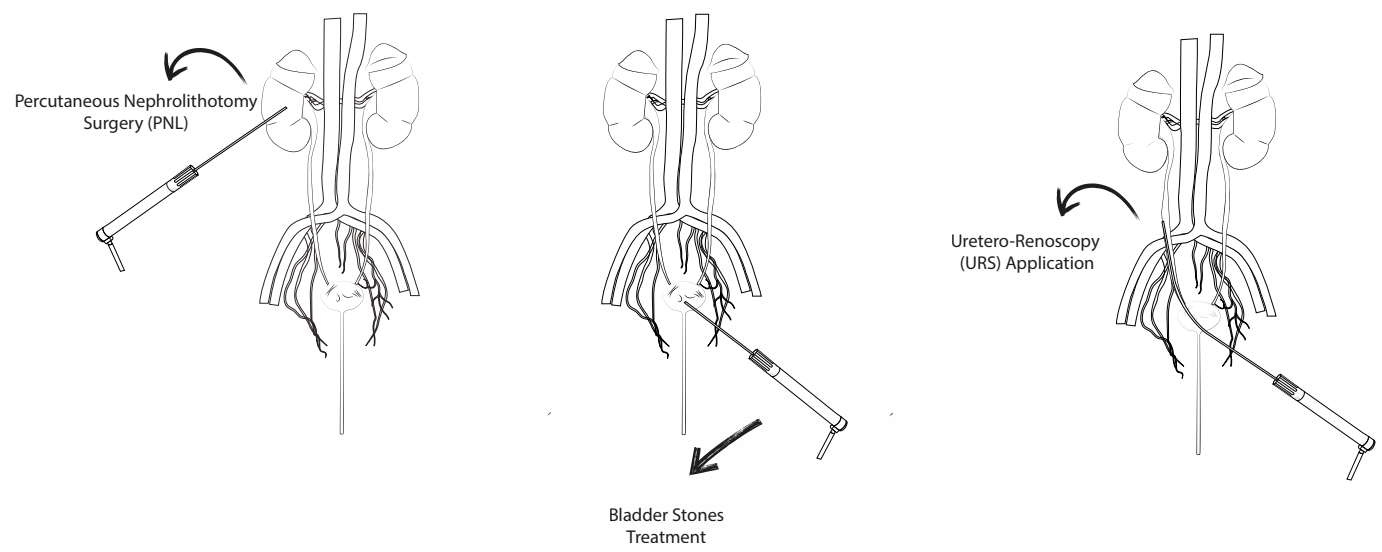
> LITHOBOX FOOT PEDAL

Lithobox Pneumatic Lithotripter foot pedal does not require the electrical connection. This feature enables riskless usage in an area with liquids.



EFFECTIVE SUCCESSFUL AND  
WIDE APPLICATION AREA

Lithobox Pneumatic Lithotripter performs minimally invasive procedures to treat any type of stone rapidly and successfully in a short time in any location. Treatments include **Percutaneous Nephrolithotomy (PCNL)** for kidney stones on the bottom of the renal pelvis, **Ureteroscopy (URS)** for ureteral stones treatment, and bladder stones treatment with endoscopic applications.



# WHAT IS WITH LITHOBOX SET?

LITHOBOX MAIN UNIT	1 UNIT	IMPL-700
HANDPIECE (INCLUDING 3M HOSE)	1 UNIT	IMPL-702
PNEUMATIC PROBES SETS <i>0,8/1,0/1,2/1,5/2,0 mm</i>	1 UNIT	IMPL-725
FOOT PEDAL	1 UNIT	IMPL-731
0.8 MM (2.4FR), LENGHT 640 MM	OPTIONAL	IMPL-715
1.0 MM (3.0 FR), LENGHT 640 MM	OPTIONAL	IMPL-716
1.2 MM (3.6 FR), LENGHT640 MM	OPTIONAL	IMPL-717
1.5 MM (4.5 FR), LENGHT 640 MM	OPTIONAL	IMPL-718
2.0 MM (6.0 FR), LENGHT 450 MM	OPTIONAL	IMPL-719
3,0 MM (9,0 FR) LENGHT, 450 MM	OPTIONAL	IMPL-720
SUCTION APPARATUS	OPTIONAL	IMPK-693
PORTABLE CARRIYING BAG	OPTIONAL	IMÇ-101
CLOSED SYSTEM TROLLEY	OPTIONAL	IMPL-728
OPEN SYSTEM TROLLEY	OPTIONAL	IMET-817
MEDICAL COMPRESSOR	OPTIONAL	IMK-403

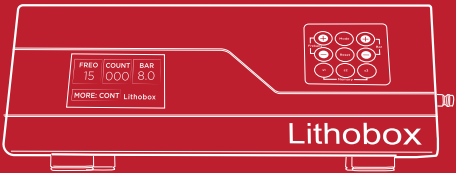
## LITHOBOX TECHNICAL SPECIFICATIONS

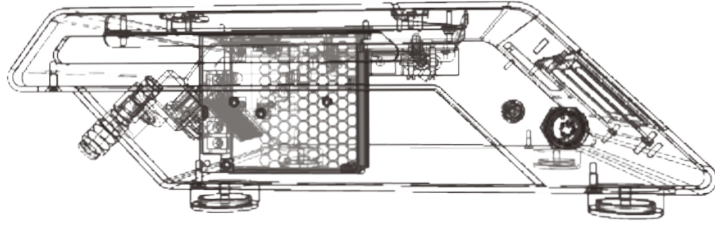
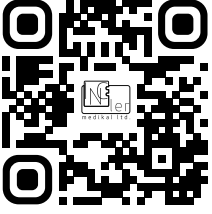
Manufacturer	İnceler Medikal Sağlık Hizmetleri San. Tic. Ltd. Şti.
Model	İnceler Medikal - Lithobox Lithotripter®
Quality and Electrical Safety Classification	According to EN 60601-1 Class I Type B According to EN 93/42 MDD Class IIb Single Shot, Continuous Shot, Automatic Shot
User Mode	0-10 bar
Inlet Pressure	1-8 bar
Output Pressure	IEC 60601-1
General Rules for Basic Safety and Required Performance of Electrical Medical Equipment	
Electrical medical equipment - Part 1-2:	IEC 60601-1-2
General requirements for basic safety and required performance - Supplementary standard: Electromagnetic disturbances	
Frequency Range	0-15 Hz
Memory	3 programmable memory keys (S1, S2, S3)
Voltage & Frequency	220 - 240 ± 10% VAC & 50/60 Hz
Dimensions (h x w x d)	116x387x316 mm
Weight	6 kg
Operating Environment	10° C ≤ Temperature ≤ 40° C 30% Rh ≤ Humidity ≤ 80% Rh
Storage Environment	-10° C ≤ Temperature ≤ 50° C 20% Rh ≤ Humidity ≤ 90% Rh

LITHOBOX PROVIDES FAST, EFFECTIVE, AND SAFE RESULTS



LED screen  
Compressed  
Lithobox





Technology For Health

[WWW.INCELERMEDIKAL.COM](http://WWW.INCELERMEDIKAL.COM)



**İnceler Medikal Ltd.**  
İvedik OSB Mah. 1472. Cad.  
No: 120 Yenimahalle  
Ankara/Türkiye

**tel: +90 312 255 3346**  
**sales@incelermedikal.com**