



ELMEDTM
MEDICAL SYSTEMS

Vibrolith Plus[®]

High Performance Ultrasonic / Pneumatic Lithotripter with
Integrated Suction Pump

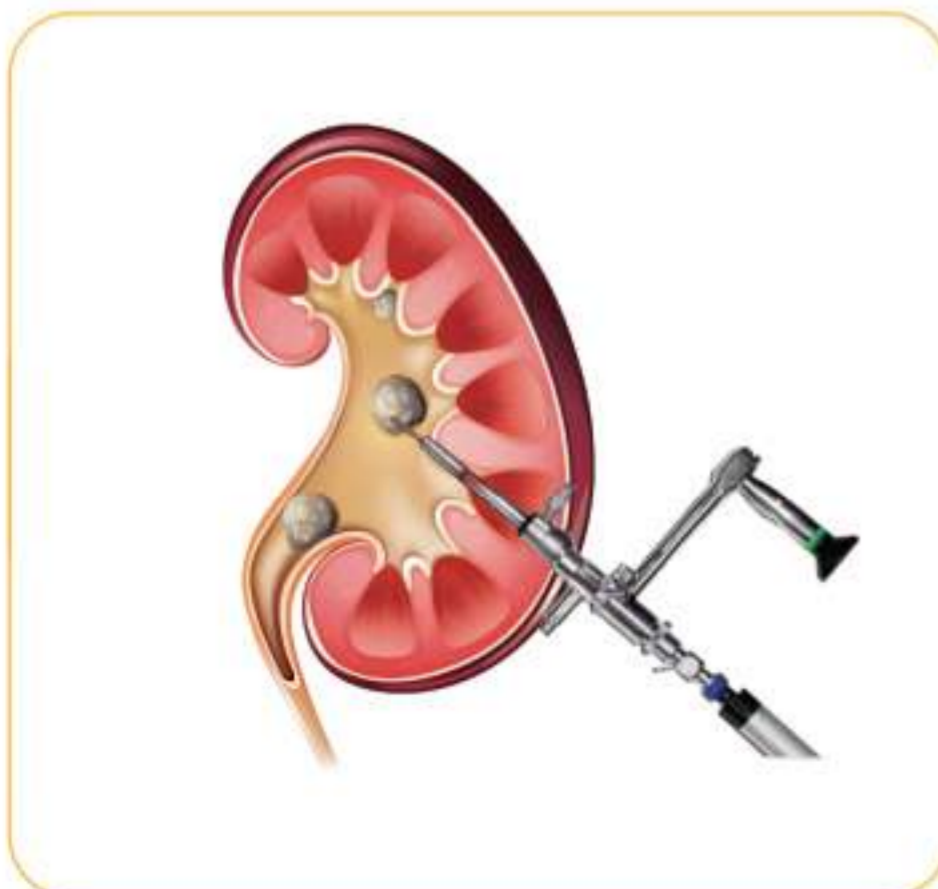
Vibrolith Plus[®]

**Introducing the World's
Most Powerful
Intracorporeal
Lithotripter**



The Vibrolith Plus is effective in treating even the hardest renal, ureteral, and bladder stones.

The Vibrolith Plus is a state of the art high performance ultrasonic/pneumatic combined lithotripter that is technologically light years ahead of the competition. With features such as a multi-microprocessor controlled ultrasonic handpiece that ensures maximum power and performance without worries of overheating; a powerful pneumatic handpiece that fractures even the hardest stones, and a pioneer in industry: A structure in suction pump that provides clear visualization during endoscopic procedures with superior suction of stone fragments, the Vibrolith Plus makes all other lithotripters obsolete.



Powerful, User-Friendly, Maintenance Free and Cost Effective!

Wide Range of Probes

A large variety of both pneumatic and ultrasonic probes are available to use with rigid, semi-rigid and flexible endoscopes

Unique Multi-Mode Coupling Device.

The Vibrolith Plus features a unique coupling device that combines both ultrasonic and pneumatic handpieces to be used in 3 distinct operating modes: Pneumatic, Ultrasonic and Combined mode. Unlike other competing lithotripters, the specially designed coupling eliminates the need for adjustment the length of the pneumatic probe prior to use in the combined mode.

Easy to Use Soft Keys and Display

The Vibrolith Plus is a user-friendly device that incorporates a hi-tech graphical LCD interface and soft keys instead of bulky switches and knobs that can be difficult to use and clean after a procedure.

New Generation Ultrasonic Handpiece

The Vibrolith Plus features a cutting-edge multi/micro-processor design that controls the ultrasonic energy for maximum power and performance. This intelligent design provides a real time feedback that prevents overheating of the ultrasonic handpiece and probe that is common with other lithotripters.

No More Clamping and Unclamping of Suction During PCNL Procedures!

The Vibrolith Plus features an industrially pioneer feature: An integrated peristaltic suction pump that provides clear visualization during endoscopic procedures and superior suction of stone particles. The Vibrolith Plus provides pump control via the user-controlled 3-mode foot pedal which eliminates the need for repeatedly clamp and unclamp suction lines to control flow. Additionally, stone fragments are collected in a specially designed sterile stone collector that can be used for further analysis.



Vibrolith Plus®

Main Specifications

Pneumatic Section

Supply Pressure	3.5 – 6-5 bar, hospital central oxygen system or silent air compressor for medical purposes
Pulse Mode	Single or multiple pulses
Pulse Frequency	1-12 Hz gradual
Applied Energy	Adjustable
Energy Transmission	Mechanical
Probes	Probes are manufactured in different diameters and lengths according to the dimensions of the endoscope.
Sterilization	It is suitable for Autoclave, Chemical and Gas sterilization.

Ultrasonic Section

Power	Max 150W, 15-24 kHz
Applied Energy	Adjustable
Probes	Probes are manufactured in different diameters and lengths according to the dimensions of the endoscope
Sterilization	It is suitable for Autoclave, Chemical and Gas sterilization.
Operating Voltage	220V/ 50 Hz(+/-%10)



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Elektronik ve Medikal San. ve Tic. A.Ş.

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New
Very Strong
Fast and
Safe

CE
1984