Everest Systems

Features	Standard	Turbo
Automatic Frequency Tuning	✓	✓
Constant Tip Excursion	✓	✓
Multi-Probe (3.4, 1.83, 1.5, 0.97)	✓	✓
Adjustable Output Power (5-120%)		✓
Adjustable Pulse Rate (Hz)		✓
Adjustable Duty Cycle (25-100%)		✓
Timer- Case Run Time	✓	✓
Lightweight Ultrasonic Transducer	✓	✓
Cool Operation	✓	✓
Transducer Accessory Port	Optional	Optional

Footswitch

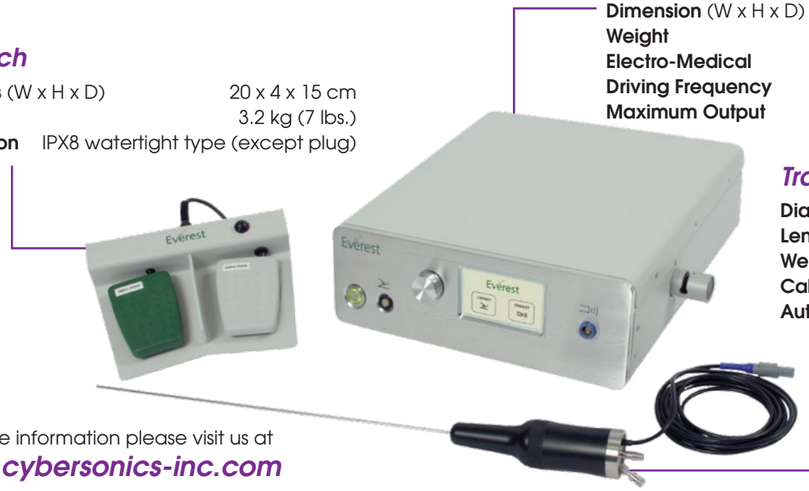
Dimensions (W x H x D) 20 x 4 x 15 cm
Weight 3.2 kg (7 lbs.)
Classification IPX8 watertight type (except plug)

Generator

Voltage 100-240VAC ± 10%
Power Frequency 50/60 Hz
Dimension (W x H x D) 31 x 12 x 28 cm
Weight 9Kg (19.8 lbs)
Electro-Medical Class I, Type BF
Driving Frequency 21kHz
Maximum Output 100 Watts rms

Transducer

Diameter 4 cm
Length 17 cm
Weight 552g
Cable Length 3 m
Autoclavable Yes



For more information please visit us at
www.cybersonics-inc.com

Company Profile

Cybersonics, Inc. developed the first ultrasonic lithotripter in 1970 in collaboration with Dr. Roger Goodfriend. Today we are the leading manufacturer of lithotripters for PCNL procedures in North America with over a 50% market share. The Cyberwand was introduced in 2006 with dual probe technology developed in collaboration with NASA. Now with the introduction of the Everest and Everest Turbo systems, we have advanced the state of the art to new levels; the Dual Probe has been replaced by a single probe with a larger lumen for more effective suction while retaining dual action with simultaneous ultrasonic and pulsed shock waves for the disintegration and aspiration of even the hardest stones.

CYBERSONICS, INC. USA

Proven Therapy through Sound Technology

Cybersonics, Inc. USA | 5340 Fryling Road, Erie, PA 16510 | Telephone 1.814.898.4734 | www.cybersonics-inc.com

Everest

The New Dual Action Ultrasonic Lithotripsy System

The Everest dual action lithotripter greatly improves stone fragmentation and aspiration on even the largest and hardest stones. Both ultrasonic and shock waves are powered simultaneously by the same transducer hand piece and generator.

EASY TO USE

SAFER

FASTER

Everest utilizes unique patented technology developed in collaboration with NASA.

CYBERSONICS, INC. USA

MADE IN THE U.S.A. SERVICED IN INDIA

Everest

Taking you to new heights in stone management

Transducer

- *The transducer hand piece is ergonomically designed, easy to control, and autoclavable.*

Generator

- *Computer-controlled constant tuning maximizes performance to fragment and aspirate all stone compositions and all stone burdens quickly and efficiently.*

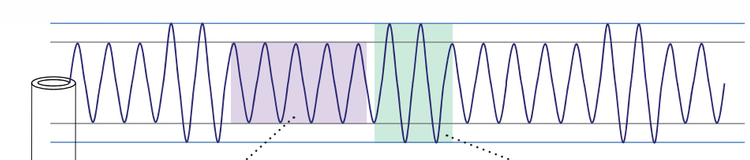
Footswitch

Dual foot pedal operation allows for accurate control.

- *High power setting disintegrates large stones to smaller fragments.*
- *Standard power setting pulverizes smaller calculi and debris to faster suctioning from the operative site through the probe.*

EASY TO USE

- *Intuitive user interface.*
- *Set-up is simple. Attach the sterilized probe set and transducer to the generator, attach the suction tube, and switch on the power. The Everest System is always in tune and ready to use.*
- *The ergonomically designed hand piece is easy to hold and manipulate.*
- *The Everest is compatible with all major scopes.*
- *A single generator/ transducer produces both ultrasonic and pulsed shock waves at two distinct frequencies.*

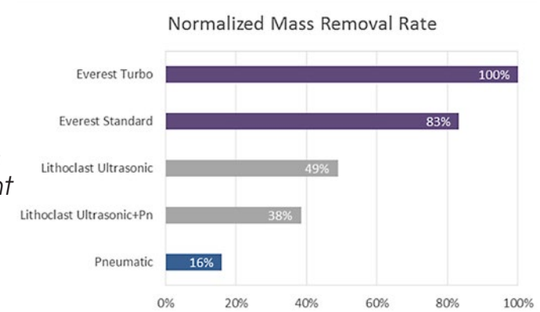


SAFER

- *Thermal tissue damage is avoided.*
- *Impact damage is eliminated. The urothelium remains intact even after being hit repeatedly with impulses at the highest power-level.*

FASTER

- *Integral suction provides the ability to fragment stones and evacuate debris with the same probes to shorten procedure and operating room times.*
- *The Everest is a faster, simpler, and more ergonomic device than the Lithoclast, and can greatly reduce operating time. Initial assessment using our in vitro system for mass removal demonstrates that Everest is a very efficient lithotripter.*



COST EFFECTIVE

- *The largest and hardest staghorn calculi are quickly disintegrated and suctioned out.*
- *The patient is left stone free after one procedure. Recovery time is reduced.*

Re-usable Probe Sets

The unique, patented dual action probe design with both ultrasonic and pulsed shock waves allow for fast, complete stone fragmentation and removal. It helps to keep the entire probe lumen open to allow for quick and efficient suctioning of the stone fragments.

3.40 mm (10.2 Fr) x 396 mm L	Hollow Probe; Kidney & Bladder
1.83 mm (5.5 Fr) x 418 mm L	Hollow Probe; Mini-Perc Kidney & Bladder
1.50 mm (4.5 Fr) x 564 mm L	Hollow Probe; Semi-Rigid Ureteral
0.97 mm (3 Fr) x 578 mm L	Solid Probe; Semi-Rigid Ureteral

Note: 0.97 wire probe does not have suction capability

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