

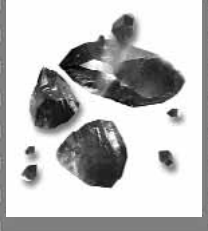
EN 1000



The *Sound* Alternative to Surgery

* * * HIGH PERFORMANCE LITHOTRIPSY IN AN ELECTROMAGNETIC DESIGN





Excellent clinical performance means better healthcare for more patients:



- MM* Quiet operation
- MM* One of the largest focal zones
- MM* Exceptional clinical results
- MM* Low maintenance design reduces operating costs
- MM* Easy to operate
- MM* Easy to set-up and move when space is a premium

The EM1000 joins the Medispec family of gold standard lithotripters and combines quieter operation with one of the largest focal zones in the industry. The size of the shockwave focus is one of the most important factors in effective urinary calculi fragmentation. Because the zone extends over a large surface area, it provides enhanced fragmentation and dramatically reduces the negative effects of respiratory excursion during the treatment.

Just like the E3000, the EM1000 is compact, modular and can fit into almost any clinical environment—from hospitals to outpatient centers, to mobile service environments. It is lightweight and constructed to endure the rigors of frequent setup and dismantling. The components of the system can fit into a small area for storage and be quickly reassembled for use. The EM1000 does not require any special wiring or plumbing and plugs into a standard outlet.



The heart of the EM1000 is a high voltage generator with an electromagnetic source. Each shock is generated by allowing a high current pulse to flow through an electromagnetic coil, resulting in an electromagnetic force (EMF) at the output. Not only is the system quieter but maintenance-free since there are no electrodes to replace.



Your Choice of C-Arms and Imaging Systems

Our lithotripters work successfully with standard C-Arm imaging systems. So you configure the system with the best C-Arm for your application. With the standard package, Medispec offers a compact, mobile, point-and-shoot fluoroscopy system with a dual monitor workstation. The C-Arm is available in several configurations, so you can select the product features that best meet your clinical needs.

The EM1000 supports most ultrasound systems, therein providing additional cost savings. Medispec's representatives can assist you to determine the best ultrasound option for your application.

Your Choice of Tables

Each lithotripter comes standard with a 4-axis multipurpose table. This motorized table has a cutout on both sides to accommodate the shock head. The tabletop is made of carbon fiber for obstruction-free imaging and can be used for a variety of endourology procedures. The treatment table has a weight capacity of 400 lbs. The standard 4-axis table can be upgraded to a 5-axis endourology table so that more complex procedures can be performed. Positioning the patient is easy with motor-driven trendelenburg tilt, horizontal/vertical motion capabilities, and remote control hand and foot switches.

A variety of table accessories are available for both the 4- and 5-axis tables.



The Medispec EM1000 is an Extracorporeal Shock Wave Lithotripter that effectively treats upper urinary tract stones. This lithotripsy system joins the Medispec family of gold standard lithotripters and offers the perfect combination of clinical performance, quiet operation, and affordability.

Comprehensive Training and Service

A licensed applications specialist will provide training on the operation of the equipment and administration of the treatment. The in-service program includes classroom lecture, clinical overview and extensive follow-up. Medispec's training program for Lithotripsy is accredited by the American Society of Radiologic Technologists (ASRT). Trainees who successfully complete the classroom and clinical program can be awarded continuing education credits.

While your top priority is to provide patients with the best care possible, Medispec's top priority is taking care of you. Medispec's highly trained service staff is on-call 24 hours per day. If you experience problems with your equipment, your service representative will provide a rapid solution. In many instances, our staff will identify and fix the problem over the phone. Medispec provides nationwide on-site service to our clients. With a network of over 200 certified technicians throughout the United States, we have the most comprehensive service network available for lithotripsy systems today.



EM1000 Specifications*

Main Supply:	115/230V Single Phase 50-60 Hz
Dimensions:	
Height:	47.9 in (121.8 cm)
Length:	33.5 in (85.3 cm)
Width:	31.1 in (79 cm)
Weight:	330 lb (150 kg)
Focal Point Depth:	145 mm
Focus Area at 50% Isobar:	
Width:	11 mm
Energy Range:	12 to 20 KV
Noise Level:	62 dB minimum, 75 dB peak
HV Level:	Variable 12-20 kV
Pulse Control:	Nonsynchronized at 60 ppm or 120 ppm Synchronized to External ECG/Monitor (R-wave)
Electrical Connection:	Standard 3-prong grounded US plug
Mobility:	On wheels
Safety Standards:	IEC 60601-1, IEC 60601-2-36, Class 1, Type B

4-Axis Multipurpose Treatment Table

Main Supply:	120/60Hz
Tabletop Dimensions:	
Height:	32.4 in-40.3 in (82.3 cm-102.3 cm)
Width:	20 in (50.8 cm)
Length:	49.6 in (126cm) / 87.8" (223cm) extended
Base Dimensions:	
Width:	31.7 in (80.5 cm)
Length:	48.6 in (123.5 cm)
Weight:	254 Lbs (150 Kg)
Movements:	
Height:	7.8 in (19.8 cm)
X axis (head-to-toe):	3.9 in (10.0 cm)
Y Axis (side-to-side):	3.9 in (10.0 cm)
Trendelenburg /Reverse Trendelenburg:	±14 degrees
Max Load:	400 lbs distributed load (181 kg)

Compliance

MDD (93/42/EEC), IEC 60601-1, UL 60601-1, IEC 60601-1-2

*Specifications are subject to change without notice.



* * * HIGH PERFORMANCE LITHOTRIPSY IN AN ELECTROMAGNETIC DESIGN

About Medispec

Founded in 1992, Medispec develops, manufactures and markets high-tech medical equipment for the fields of Urology, Cardiology, Podiatry, and Orthopedics. Medispec provides advanced, high quality products that comply with the worldwide standards of today's marketplace. Medispec has a proven track record of delivering high performance Shock Wave Therapy products to international medical institutions, accompanied by on-time delivery and reliable service. We customize solutions that meet our client's specific medical and business requirements, ensuring that they receive the highest quality, reliability, and cost efficiencies available.



The **Sound** Alternative to Surgery

20410 Observation Drive • Suite 102 • Germantown, MD 20876-6419
Toll Free 888.663.3477 • Telephone 301.944.1575 • Fax 301.972.6098
Website www.medispec.com • Email info@medispec.com

* * * HIGH PERFORMANCE LITHOTRIPSY IN AN ELECTROMAGNETIC DESIGN