



EM1000™

ELECTROMAGNETIC ESWL SYSTEM

An Innovative Approach
to Kidney Stone Management

GROUNDBREAKING TECHNOLOGY

Within Your Reach

SETTING NEW STANDARDS

Our newly designed EM1000 Electromagnetic Lithotripter is a state of the art lithotripsy system, presenting a quiet operation with exceptional clinical performance and unmatched reliability. Medispec has developed superior features with a system that exemplifies the ideal combination of Effectiveness, Modularity, Versatility, Convenience, and Affordability.

Our system is fully integrated and cost-effective with low maintenance and operational costs. A complete package includes a non-dedicated C-arm and endourological table, which can be used for a variety of urological procedures. The compact EM1000 does not require special infrastructure or a dedicated room. It successfully fits in any medical environment, including: University medical centers, local community hospitals, government hospitals, and ambulatory surgery centers.



INTUITIVE DESIGN WITH NUMEROUS BUILT-IN FEATURES



The EM1000 is a remarkable device intuitively designed with advanced features, making it easy to operate while ensuring cutting-edge accuracy. With a large focal zone diameter (6.8x68mm), the EM1000 provides enhanced urinary stone fragmentation and reduces negative effects caused by respiratory-induced movements during treatment. Its high bar pressure and large focal area allow the treatment of obese patients with ease. Stones are clearly targeted, reducing treatment time and increasing efficacy.



High Bar Pressure



Reduced Operating Costs



Touch Screen Monitor

CONVENIENCE & MODULARITY

Compact and light-weight, the EM1000 is conducive to any clinical environment. Its components can be quickly assembled and do not require any special electrical wiring or plumbing.





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VERSATILITY

The Medispec EM1000 system is comprised of three major components: Shock Wave Generator, non-dedicated endourological treatment table and your choice of non-dedicated C-arm, which can be used for multiple applications. We also offer an optional ultrasound device for improved stone visualization.

SHOCK WAVE GENERATOR

The heart of the EM1000 is the electromagnetic head, which allows a high current pulse to flow through an electromagnetic coil, resulting in an electromagnetic force (EMF) at the output.

The system provides a quiet operation, eliminating disturbance in areas surrounding the treatment room. There is also no need to replace electrodes, making the EM1000 a low-maintenance, cost effective device.



BENEFITS

- Quiet operation
- Low maintenance & operational costs
- Advanced treatment console with easy-to-operate touch screen
- Components are ideal for multiple endourology applications
- Fully computerized, modular and compact system
- Extended penetration depth for obese patients
- No major side effects
- Easy to transport



ENDOUROLOGICAL TABLE

Our standard package comes with a motorized 4-axis endourological table with bilateral cut-outs to accommodate treatment on either side of the patient. Made of carbon fiber, the tabletop allows for obstruction-free imaging and can be used for a wide variety of endourological procedures. Our table comes standard with surgical side rails. Optional accessories include: drain bag holders, stirrups and arm boards.

C-ARM

Our Lithotripters integrate with most standard C-arms, allowing you to capitalize on your current investment. Medispec can also package a cutting-edge C-arm, which will offer clear view of the stone throughout the procedure and comes complete with an easy-to-use work station.

ULTRASOUND INTEGRATION

Include ultrasound in your package for viewing additional dimensions and real-time monitoring. Ultrasound provides better accuracy while decreasing radiation exposure.



MAINTENANCE & SUPPORT

Medispec understands that your top priority is to provide patients with the best care possible, while Medispec's top priority is taking care of you. Medispec's highly trained service staff is on-call 24 hours a day to accommodate your lithotripsy needs and can often provide a solution over the phone. Our devices undergo extensive, in-house compliance procedures throughout the year to ensure that your equipment meets performance requirements. With over 200 certified technicians throughout the United States, we have the most comprehensive service network available for lithotripsy systems and guarantee to find a solution for you within 48 hours.

EXPERIENCED LITHOTRIPSY SPECIALISTS & COMPREHENSIVE TRAINING PROGRAMS

Medispec can provide licensed and experienced Lithotripsy Specialists to perform treatments in your hospital or medical facility. All our Specialists have completed an in-classroom and hands-on training program, accredited by the American Society of Radiologic Technologists (ASRT) to perform ESWL and are certified with the American Registry of Radiologic Technologists (ARRT).

Our Specialists can also provide comprehensive training for your radiology staff to operate the system and to assist with treatments. The in-service program includes a classroom style lecture, clinical trainings and extensive follow-up. Trainees who successfully complete the classroom and clinical programs are awarded continuing education credits.





CUSTOMIZED SOLUTIONS

Whether you wish to purchase, lease or rent, Medispec has customized programs to provide you with practical and economical solutions to meet your lithotripsy needs. Our mobile lithotripsy service provides convenient and flexible scheduling at your choice of location along with a knowledgeable, trained and certified Lithotripsy Specialist. We operate directly with the end user—eliminating intermediary parties. Our flexible, client-tailored solutions are designed to reduce your costs and increase revenue, hence improving your overall standard of care. Contact us for a complementary, confidential financial analysis.





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As a manufacturer and service provider with over 20 years of experience in shock wave therapy solutions, Medispec continuously introduces competitive systems and technological breakthroughs to the market. Using our business knowledge and application, we have produced state-of-the-art medical systems in the fields of Urology, Orthopedics, Aesthetics and Cardiology.

Medispec strives to deliver clinically-effective, user-friendly shock wave devices while providing unparalleled quality that complies with the worldwide standard of today's marketplace. Medispec services clinics, medical centers and hospitals in over 80 countries worldwide. All our systems offer modular design, versatility, ease of use and a high degree of mobility, for delivering innovative technology and giving your patients access to quality care in a fast and efficient manner.

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