

EFFICIENCY

Wide Focal Zone

Our wide focal zone makes shock-wave focusing more efficient, even though the patient moves slightly during the procedure. Thus, this function is beneficial for the operator as well as the patient when it comes to time-saving during the procedure.

Efficient Control

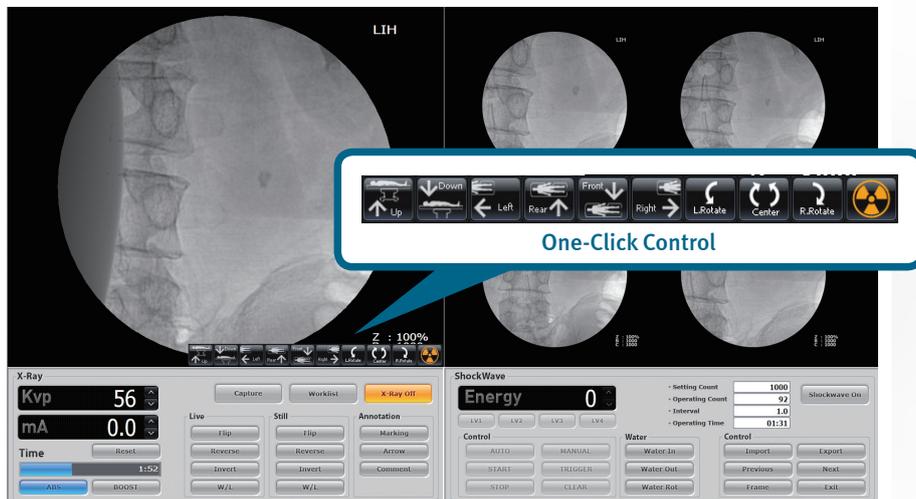
The Operating Console is intuitively designed and easy for everyone to use. The additional remote controller on the patient table enhances the efficiency with the inclusion of X-ray control and live image capture function.

Ultrasound Locating

The SDS-5000 can also utilize ultrasound to targeting the stone location, especially useful for radio-transparent stones. Our customized isocentric ultrasound holder is easy to use for the efficient focusing.

Efficient Management System

Our proprietary *EM-View* software is a one-click system for image acquisition, processing, viewing and management, and is fully DICOM 3 compatible for seamless integration with PACS.



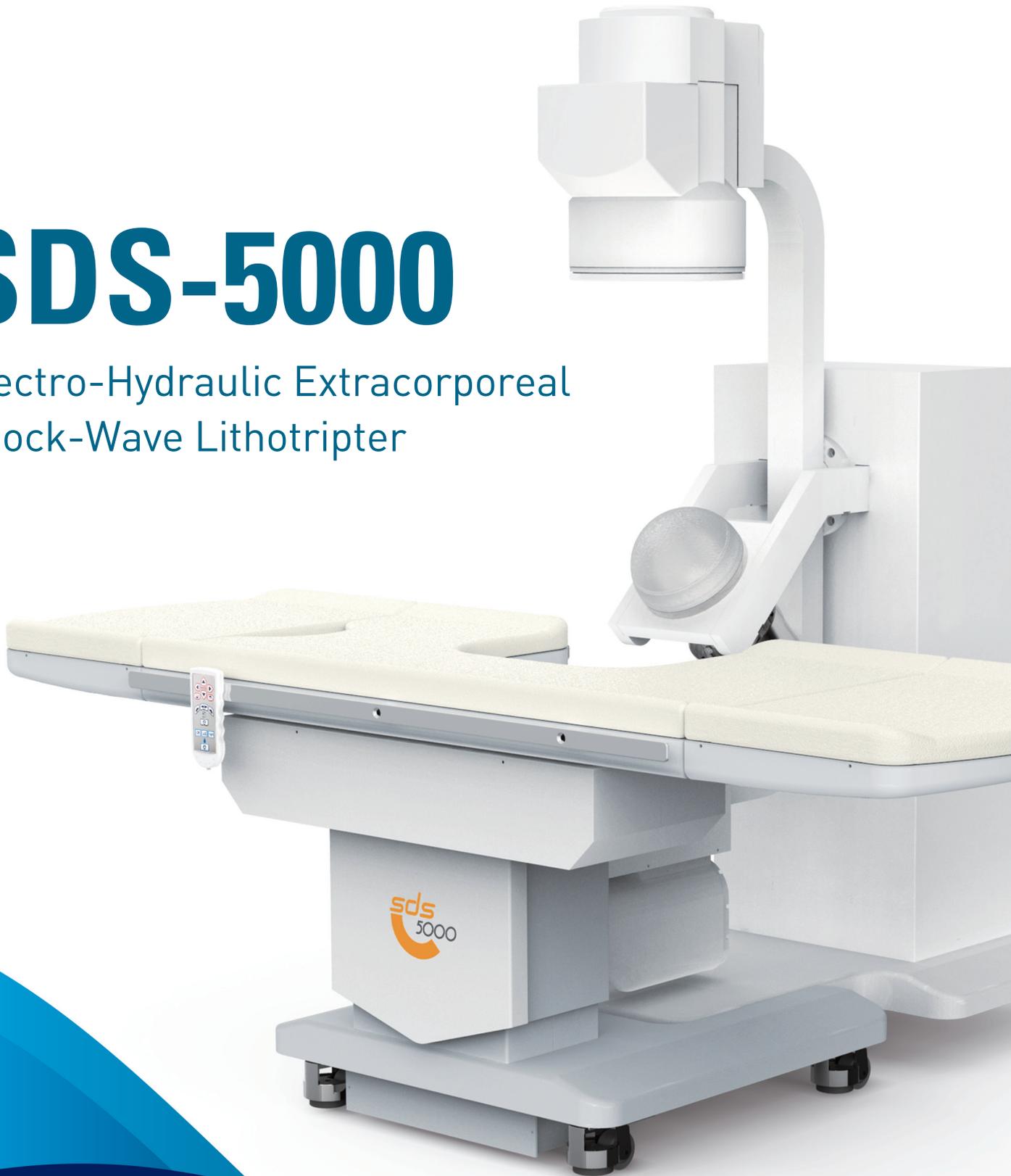


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SDS-5000

Electro-Hydraulic Extracorporeal
Shock-Wave Lithotripter



CONVENIENCE



High-Performance X-ray

The SDS-5000 utilizes a high-frequency X-ray generator with 20mA “Boost Mode” for obese patients, and is equipped with a rotating anode tube to maintain performance during high output.



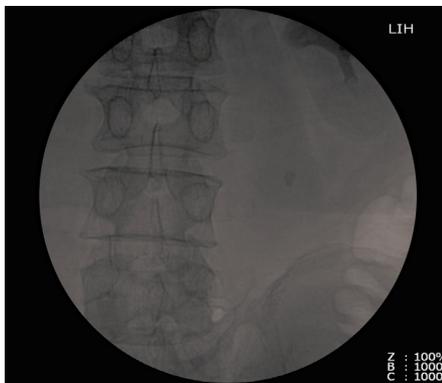
High-Quality Imaging

Our 9” Image Intensifier scans a wide area with 3 field modes - 4.5”, 6” and 9” to locate stones quickly and precisely.



Advanced Image Acquisition

With ABS (Auto Brightness System) Operators obtain clear images fast and avoid unnecessary shooting. Procedure time is shortened and patient exposure is reduced.



Obese Patient



Boost Mode



4.5"



6"



9"



X-Ray Control

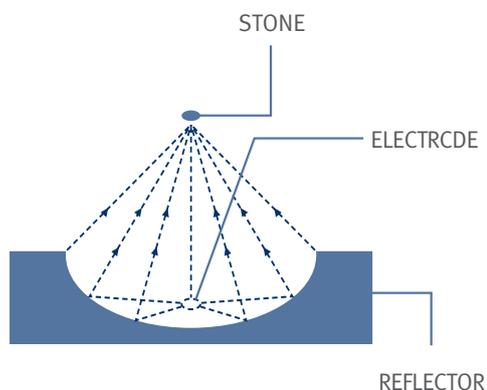
3 Field Modes

ERGONOMICS DESIGN

01

Minimal Pain

The SDS-5000 shock-wave generator, developed exclusively by M.I.Tech, produces ultra-stable lossless shock-waves and removes all stones with the lowest number of treatments (1,500 ~1,800 shots). This means painless procedures and no hospitalization.



02

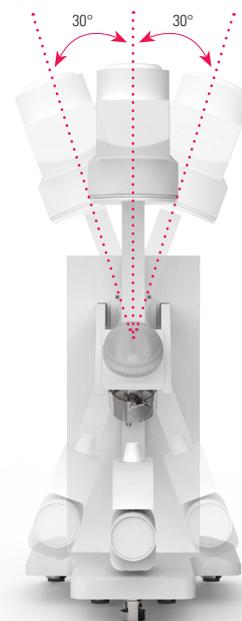
Comfortable Environment

Definite crushing rate of SDS-5000 has been achieved by being accumulated know-how based on our experience more than 2 decades, resulting in a crushing rate of 90%. This is beneficial for the patient comfort due to reduce the patient pain during the operation. That is because of the high rate of stones at low energy as well.

03

Ergonomic Table

Our ergonomic and stylish table was specially designed for patient comfort. Six-way table movement and $\pm 30^\circ$ C-arm tilt allow procedure completion without repositioning the patient. A headphone for operator/patient communication creates even more comfort and confidence.



Innovative High-End ESWL

SDS-5000, was developed by M.I.Tech to provide a user-friendly, customized solution for patients with kidney stones.

Our 9" Image Intensifier, camera and high-performance Tube (Rotating) produce high quality images that make stone locating fast and precise, resulting in shortened procedure times and reduced radiation exposure to the patient.

Our ultrastable shock-wave generator, the result of two decades of accumulated technology, delivers stable shock-waves throughout the procedure for the efficient stone fragmentation.

In the field of lithotripsy, SDS-5000 is unmatched for the user convenience and the patient comfort.

+ Specifications at a Glance

1. Convenience

- 1) Rotating Anode Tube
- 2) High Resolution CCD Camera
- 3) 9" Image Intensifier
- 4) ABS (Auto Brightness System) Mode

2. Efficiency

- 1) Wide Focal Zone
- 2) Effective Focal Depth
- 3) Foot Switch / Remote Control
- 4) Optimized Image Software for Stone Localization
- 5) Management of Patient Information
 - DICOM 3.0 / USB/ CD / DVD

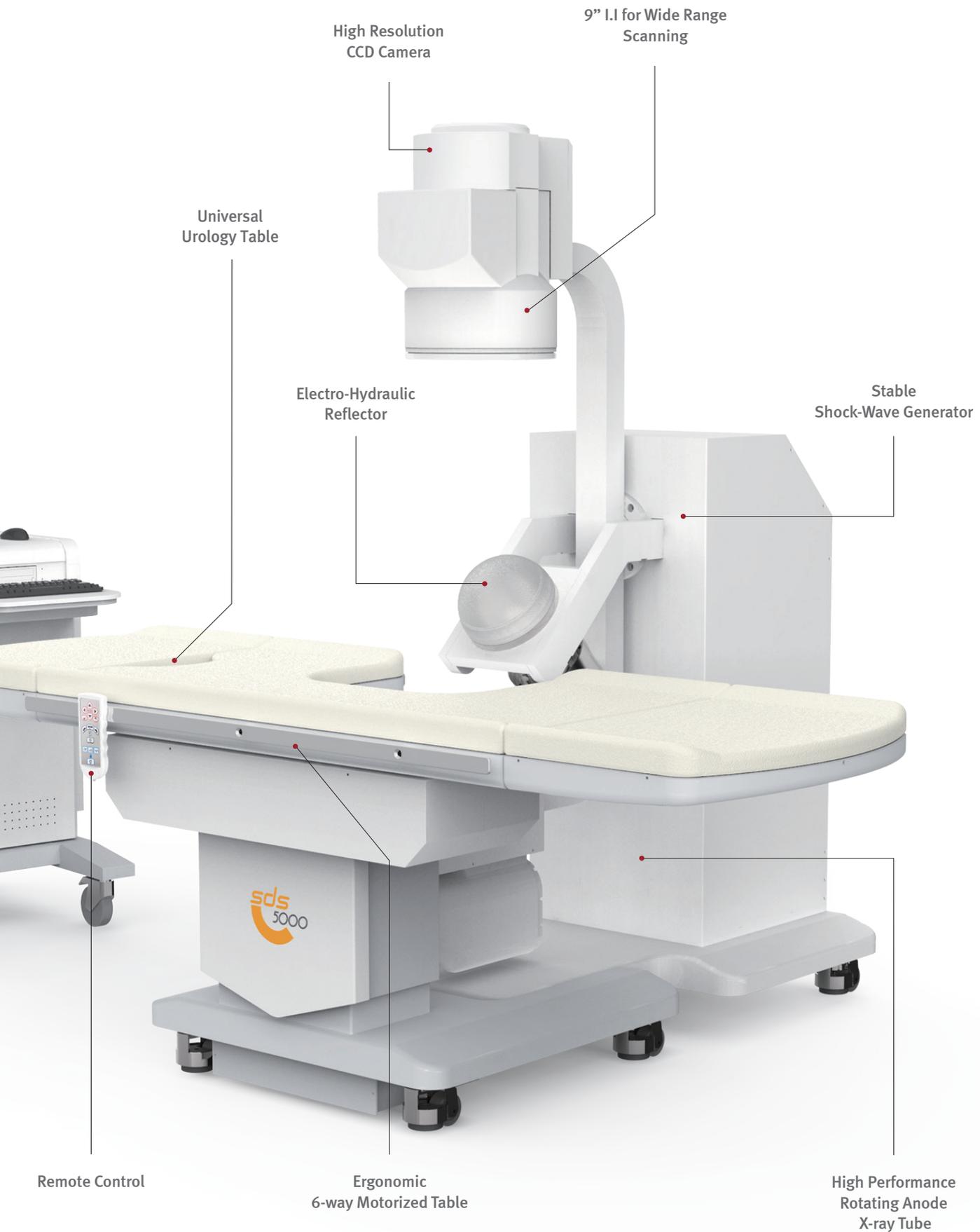
3. Ergonomic Design

- 1) Motorized 6-way table
- 2) Motorized C-arm operation

PC based Intuitive
OP Console

All-in-one
Control System





Experts in urologic technology, M.I.Tech

Founded in 1995, M.I.Tech (formerly KOMED), developed the first Korean ESWL and has become the acknowledged expert in the field of urologic technology.

M.I.Tech is the leading manufacturer in Korea and has distributors and dealers in distributors and dealers in more than 30 countries worldwide where our units are

installed and contributed to patients health and well-being.

With a passion for excellence, we will continue our pivotal role in the urological world to implement state-of-the-art technology for the benefit of humanity.

Different Level of Customer Service

Medical specialists all over the world benefit from our experience using systems developed by **M.I.Tech**. We are based in Korea, and operates around the globe through our business partners, making sure that qualified service personnel are always close at hand.

Complex technology only provides optimum benefits if the user knows how to make the most of it. Our training programs are tailored to the interaction among doctors, systems operators and patients. We provide on-the-spot training to make sure that our system can be efficiently operated from the very beginning. Users can also rely on our assistance and support in the development of new application methods. It is, after all, the users' know-how and ideas that pave the way for the further development of leading technology.

