M.I.Tech

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ASADAL M1

ELECTRO MAGNETIC TYPE ESWL SYSTEM



M.I.Tech

Innovative High-End ESWL

ASADAL-M1, was developed by M.I.Tech to provide a user-friendly, customized solution for patients with kidney stones.

Our 9”Image Intensifier, 1K CCD camera and high-performance Tube (Rotating, 300KHU) produce high quality images that make stone locating fast and precise, resulting in shortened procedure times and reduced exposure to the patient.

Our ultra-stable shock wave generator, the result of 15years of accumulated technology, delivers stable shockwaves throughout the procedure for efficient stone fragmentation.

In the field of lithotripsy, the ASADAL-M1 is unmatched for user convenience and patient comfort.

+ Specifications at a Glance

1. Convenience

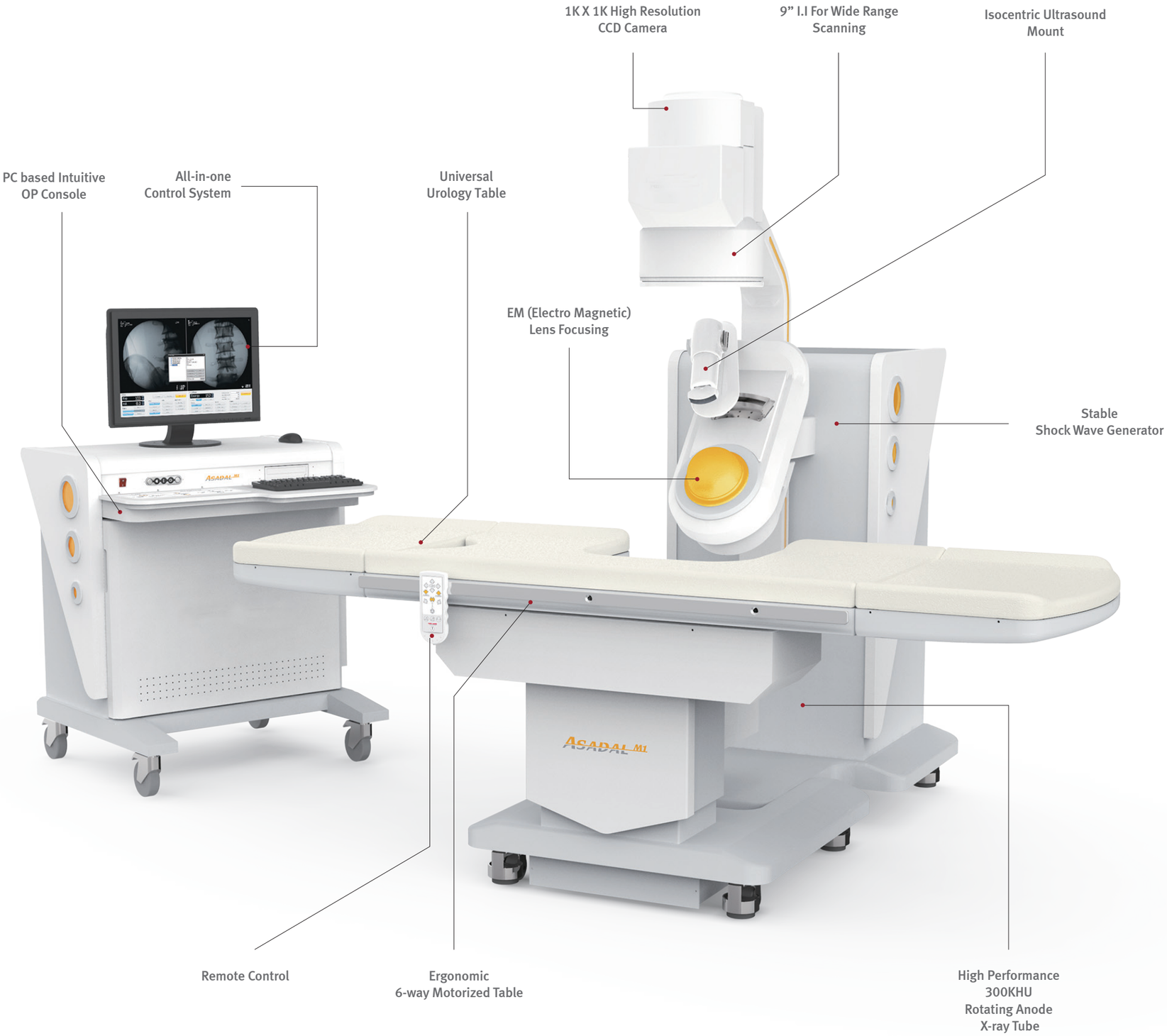
1) 300KHU Rotating Anode Tube
2) 1K high Resolution CCD Camera
3) 9”Image Intensifier
4) ABS (Auto Brightness System) Mode

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
3) Lower Noise (50dB)



CONVENIENCE

High-Performance X-ray

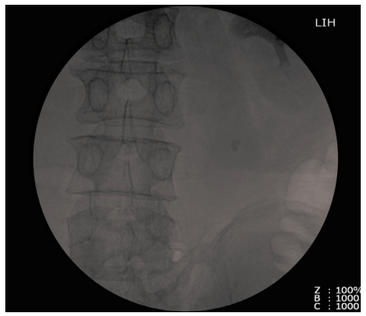
The ASADAL-M1 utilizes a high-frequency X-ray generator with 20mA “Boost Mode” for obese patients, and is equipped with a 300KHU rotating anode tube to maintain performance during high output.

High-Quality Imaging

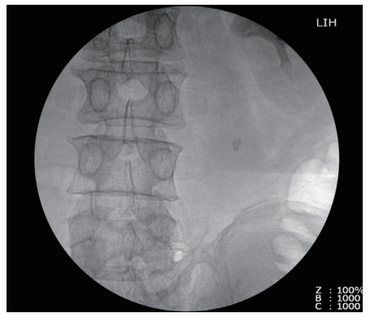
Our 9” Image Intensifier scans a wide area with 3 field modes 4.5”, 6”, 9” to locate stones quickly and precisely.

Advanced Image Acquisition

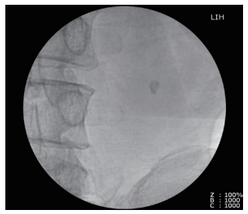
With ABS (Auto Brightness System) users obtain clear images fast and avoid unnecessary shooting. Procedure time is shortened and patient exposure is reduced.



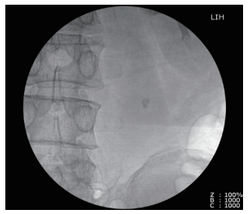
Obese Patient



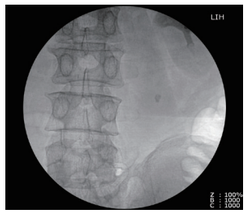
Boost Mode



4.5”



6”



9”

3 Field Mode



X-Ray Control

EFFICIENCY

Wide Focal Zone

Our wide focal zone makes for efficient shockwave focusing, even when the patient moves slightly during the procedure, thus reducing procedure time for both user and patient.

Efficient Control

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

Ultrasound Locating

The ASADAL-M1 can also utilize ultrasound stone location, especially helpful with radio-transparent stones. Our customized isocentric ultrasound holder is easy to use for 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.









Controller

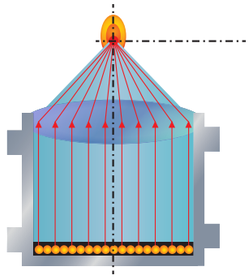
ERGONOMIC DESIGN

01

Minimal Pain

The ASADAL-M1 shockwave generator, developed exclusively by M.I.Tech, produces ultra-stable lossless shockwaves and removes all stones with the lowest number of treatments (2000-3000).
This means painless procedures and no hospitalization.

FDA recommendations for all magnetic lithotripters average 3000 ~ 4000 treatments



EM(Electro Magnetic Type)



50dB, 60dB compare to office noise of

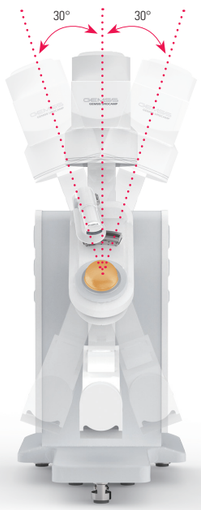
02

Comfortable Environment

The ASADAL-M1 eliminates anxiety and makes patients comfortable.
Our durable and stable shockwave generator has a higher success rate and lower noise, only 50dB, compared to ordinary office noise of 60dB. This means reduced procedure time and increased patient confidence.



6-way Table



03

Ergonomic Table

Our ergonomic and stylish table was specially designed for patient comfort.
Six-way table movement and ±30° C-arm tilt allows procedure completion without repositioning the patient. A headphone for operator/patient communication creates even more comfort and confidence.

M.I.Tech

Experts in urologic technology, M.I.Tech

Founded in 1995, M.I.Tech (formerly Komed), developed the first Korean ESWL and has grown for 19 years to become the acknowledged expert in the field of urologic technology.
M.I.Tech is the leading manufacturer in Korea with an additional manufacturing facility in Vietnam and distributors and dealers in more than 30 countries worldwide where our units are installed and contributing to peoples' 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**. Based in Korea, the company operates around the globe through its branch offices and 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 between doctors, systems operators and patients. We provide on-the-spot training to make sure that our systems can be efficiently operated from the very start. 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.

- Site Planning
- Installation
- Application Training
- Service Training
- Exchange of Experience Among Users
- Maintenance
- Repair

