



Duet

Dual-Shock Wave Technology



Innovations for life

DIREX
An **initia** Distribution Partner

High Speed Lithotripsy Dual-Shock Wave Technology

■ Two Lithotripters in One

The Duet Shock Wave Lithotripter is the only lithotripter to offer an innovative dual-source treatment method. By providing two completely independent shock wave sources, the Duet has effectively cut the treatment time in half. Not only does the Duet's dual head system allow for 10 Minute treatment times, but it also allows for greater versatility. Since the Duet provides two shock wave sources, focused on a single target, the operator has the option to choose the shock wave source location or dual source operation. With two lithotripters in one, speed and versatility are at hand.



■ Imaging Options

Localization can be done using a variety of imaging modalities. X-Ray localization is achieved using C-Arm fluoroscopy imaging devices including the specially designed 3D-Scope. A number of ultrasound systems are also available for radiation-free treatments.



The 3D-Scope is an advanced digital, pulsed fluoroscopy unit. By providing an exceptionally clear image with a 9-inch Image Intensifier, the 3D-Scope simplifies the stone localization process. The unit's digitally captured images have a resolution of one million pixels with 10 bits per pixel. The 3D-Scope is also capable of High-Level Fluoroscopy, making it possible to locate even the most challenging stones.

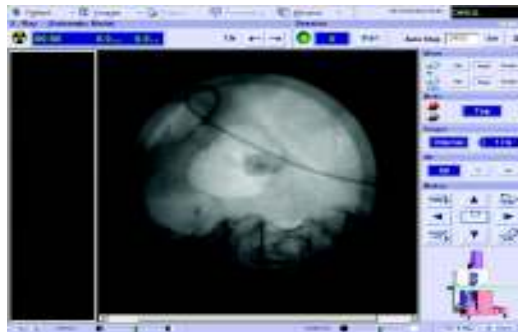
The ultrasound probe is horizontally positioned and aligned with the Y-axis between the two shock wave heads. This allows the probe to focus on the system's unique focal point for real-time lithotripsy imaging capabilities while simplifying the localization process.





■ The Image Processing Advantage

The Duet is operated via a universal console (UCON). Through the CONSOLE, the operator controls all shock wave generator, patient table, and digital image processing functions. A powerful, user-friendly imaging application is the driving force behind the console's capabilities. Beyond the functional commands for operation purposes, the application supports image manipulation and enhancement capabilities such as brightness, contrast, gamma, and mathematical digital filtering functions. These controls, and more, allow the operator to manipulate any image, clarifying, sharpening, and archiving it for future use. Any captured image can be saved to a database with all the necessary patient information attached.



■ Modular Architecture

The Duet is a compact modular unit designed as such for maximum flexibility and versatility. The SWAG is an upright unit easily transported and stored. The CONSOLE is also easily transported and, due to its versatility, can be used with numerous image-capturing devices. The DUET's mobile multi-function urological table is a standalone unit incorporating an X-ray transparent tabletop, motorized XYZ motion, all the accessories required for SWL, and Trendelenburg motion. Therefore, it can be used for conventional urological treatment, as well as SWL. Power and processing capability are built-in, however, the unit can also be controlled via the CONSOLE.



Distributors

Initia distributes its products in all markets worldwide. For information about your local distributor, please contact: info@initiaimed.com

In addition, Initia has a strategic alliance with the DirexGroup distribution network in the following countries:

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DirexGroup is an international network of companies specializing in the distribution of high technology medical equipment for hospitals and private clinics. For the past 20 years, DirexGroup companies have installed thousands of systems in over 70 countries worldwide.

DirexGroup's professional staffs are trained in all companies around the globe to ensure immediate customer support at the highest possible level, both technical and commercial.

DirexGroup companies have entered exclusive agreements to distribute Initia Medical Technologies' devices in the fields of lithotripsy, thermal therapy and radiotherapy. This joint effort between Initia's development and manufacturing capabilities and DirexGroup's well spread market presence enables quick and efficient solutions to our customers.

Please contact your local DirexGroup distributor for further information regarding the device, including local modifications and limitations.

DUET Regulatory Approval:

CE - Europe
FDA - USA
MHW - Japan

3DScope Regulatory Approval:

FDA - USA
CE - Europe
MHW - Japan (under Digiscope Plus)