

P3

Digital
Ultrasonic
Diagnostic
Imaging
System



P3



This portable device, Digital Ultrasonic Diagnostic Imaging System, is high-resolution linear/convex scanning diagnostic apparatus.

Features

Applied technologies:

Tissue Specific Imaging (TSI), Tissue Harmonic Image (THI), Digital Beam-Forming (DBF), Dynamic Receiving Focusing (DRF), Real-time Dynamic Aperture (RDA), Dynamic Frequency Scanning (DFS), and Dynamic Apodization.

Display modes:

B, B+B, 4B, B+M, M, and PW.

File management:

It supports local disk and removable disk storage. USB 2.0 interface enables fast image uploading to your computer in the real-time mode. It has a 56 MB storage capacity.

Operation:

The folding keyboard designed with trackball is easy and convenient for various types of operation.

In addition, 12.1" LCD and diverse probes are adopted to provide clear and stable images.



Technical Specifications

Display Modes	B, B+B, 4B, B+M, M, and PW
Image Gray Scale	256 levels
Image Magnification	In area
Real time:	×1.0, ×1.44, ×1.96, ×2.56, ×4.0, ×5.76, ×9.0, ×16.0
Frozen (only available in B mode):	×1.0, ×1.78, ×4.0, ×16.0
Storage	504 MB
Cine Review	256 frames
Depth Adjustment	Adjustable in real time in B, B+B, 4B, B+M, M, and PW modes
Frame Correlation Coefficient	8 levels to adjust (0~7), (B, B+B, 4B, B+M modes, ineffective when freezing)
Image Conversion	Up/Down flip, Left/Right flip, 90°rotate
Language Conversion	Chinese, English, etc. (The language options varies with language software installed.)
Focus Position	16 levels to adjust
Focus Number	Max. 4
Software Packages	Abdomen, obstetric, small parts, gynecology, orthopedics, cardiology, urology, and vascular
B mode Measurement	Distance, circumference, area, volume, ratio, % stenosis, histogram and angle
M mode Measurement	Distance, time, slope, and heart rate
D mode Measurement	Time, heart rate, velocity, acceleration, trace, and RI
Annotations	Patient name, age, sex, time, date, hospital name, doctor name, comment (full-screen character editing)
Body Mark	130 types
USB Port	USB 2.0

Transducers



Screen Samples



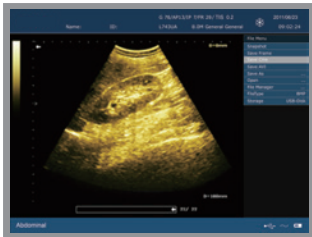
Liver



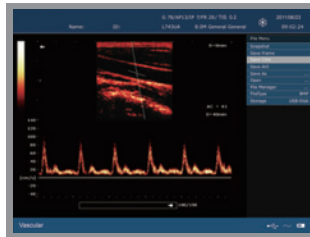
Thyroid



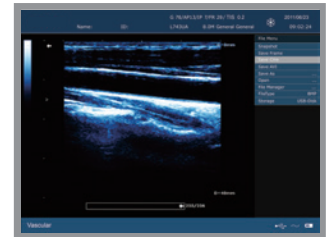
Fetal Head



Kidney with
pseudo-color



CCA PW with
pseudo-color



CCA with
pseudo-color



MEDISONO,
3511 Silverside RD.
Wilmington, DE 19810
United States
info@medisono.com
www.medisono.com