



P3

Digital Ultrasonic Diagnostic Imaging System



*High Image Quality
at Affordable Prices*

High quality B/W portable & compact ultrasound system. Diagnostic B/W image quality with PW Doppler capability. The ergonomic and user-friendly design with two standard probe connectors allow for an increased efficiency of use in all applications.

GENERAL

Imaging mode:	B, B+B, 4B, B+M, M and PW
Gray scales:	256
Display:	12.1" TFT-LCD
Transducer frequency:	2.0-10.0MHZ
Transducer connector:	2 standard
Beam-forming:	Phase Inversion Harmonic Imaging Multi-Beam Technology Synthetic Receiving Aperture Dynamic Receiving Focusing Real-time Dynamic Aperture Dynamic Frequency Scanning Dynamic Apodization
Scanning angle:	Up to 152 degrees (transducer dependent).
Scanning depth (mm):	From 19 to 324 (transducer dependent).
Applications:	Abdomen, obstetrics, gynecology, small parts, musculoskeletal, cardiology, peripheral vascular, urology.

FUNCTIONS

Cine loop:	256 frames bidirectional cine-loop
Zoom:	x1.0, x1.2, x1.4, x1.6, x2.0, x2.4, x3.0, x4.0 in distance
Panoramic zoom in real-time and freeze storage media:	Built-In Flash, Internal large capacity data storage
Built-in image archive:	504M B built-in Image storage
Body marks:	>130 types
Transducer auto-detection	

OTHERS

Peripheral ports:	S-video output: 1 Video output: 1 VGA output: 1 USB port: 2 Ethernet port: 1 Remote control: 1 Footswitch port: 1
Power supply:	100V-240V - 50Hz / 60Hz
Lithium battery:	Continuous operation for up to 2 hours
Dimensions:	330mm(13.0") (L) x 220mm(8.7") (W) x 320mm(12.6") (H)
Net weight:	7.1kg(15.7 lb)

DISPLAY

Date, Time, Probe Frequency, Frame Rate, Patient Name, Patient ID, Hospital Name, Depth, Frame Rate, Exam Type, Measurement Values, Body Marks, Annotations, Probe Position.

MEASUREMENT & CALCULATION:

B-mode:	Distance, circumference, area, volume, ratio %stenosis, histogram, and angle.
M-mode:	Distance, time, slope, and heart rate.
Doppler:	Time, heart rate, velocity, acceleration, trace, and RI
Software packages:	General, obstetric, gynecology, small parts, orthopedics, cardiology, peripheral vascular and urology

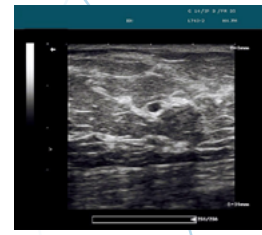
Innovative Imaging technologies, such as **Phase-inversion Harmonic imaging, Speckle Noise Reduction Technology and Frequency Compound imaging** provide high image quality and ease of use in most clinical applications



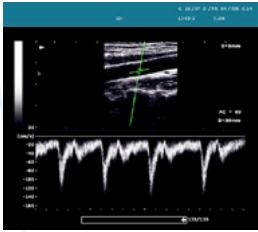
Liver - Phase-inversion Harmonic imaging improves near field resolution with an increased overall image quality



Thyroid-Compound Imaging reduces image artefacts and improves image quality



Breast-Multi-Beam Formation Increases time resolution and frame rate



CCA Doppler - Duplex mode increases diagnostic capability



Uterus-Dynamic Freq. Filter allows for better Near field resolution and increased penetration



Fetus - Speckle Noise Reduction Technology improves image quality in all the area of interest

A Complete family of multi-frequency convex, linear and endocavity probes cover diverse clinical requirements of your daily practice.

All probes are lightweight and ergonomically designed to deliver premium performance and user comfort in Abdominal, Vascular, Small Parts, Musculoskeletal, Obstetrics and Gynecology applications.



Convex array:
PB-C361-2



Linear array:
PB-L761-2



Linear array:
PB-L743-2



Micro-convex array:
PB-C611-2



Endovaginal array:
PB-E611-2



Endorectal array:
PB-E741-2



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Is an American company delivering High Quality, Reliable imaging solutions with the highest industry standards in service and post-sales assistance. Our expertise in healthcare comes from over 35 years of healthcare experience ensuring we understand and anticipate your needs.

High Quality Imaging Solutions - American Service and Reliability

Specifications subject to change without notice. For further details, please contact your Medisono sales representative.