



P3PLUS

Ultrasound Diagnostic 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, Trapezoidal, +M, M and PW
Gray scales: 256
Display: 12.1" LED with adjustable Angle
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: 16GB standard 504MB (optional)

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 2.5 hours
Dimensions: 335mm(13.0") [L] x 155mm(6.1") [W]
 x 350mm(13.7") [H]
Net weight: 6.0kg(13.2 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.

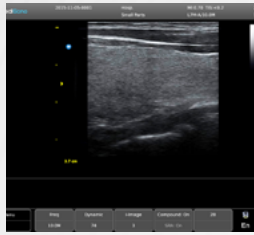
M-mode: Distance, time, slope, and heart rate.
Doppler: Time, heart rate, velocity, acceleration, trace, and RI

Software packages: General, obstetric, gynecology, small parts, orthopedics, cardiology, peripheral vascular and urology

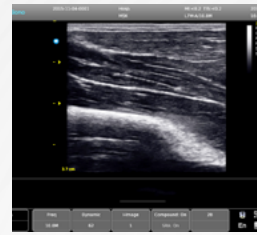
Innovative Imaging technologies, such as **Phase-inversion Harmonic imaging, Speckle Noise Reduction Technology and Frequency Compound imaging** provide high image quality and ease of use in most clinical applications



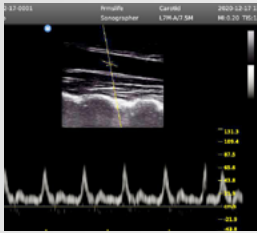
Liver - Phase-inversion Harmonic imaging improves near field resolution with an increased overall image quality



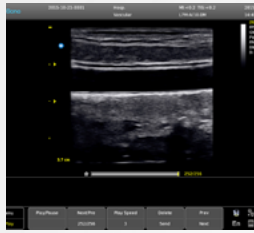
Thyroid-Compound Imaging reduces image artefacts and improves image quality



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



CCA Doppler - Duplex mode increases diagnostic capability



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



Fetal Spine - 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.



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.

www.medisono.com

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



High Quality Imaging Solutions - American Service and Reliability