P10

Digital
Ultrasonic
Diagnostic
Imaging
System

MediSono

P10

Characterized by a compact lightweight design with user-centric workflow, the P10 delivers on the need for highly portable easy-to-use ultrasound.

Features

The P10 is a portable Diagnostic Ultrasound System, which applies advanced technologies such as Phased Inversion Harmonic Compound Imaging (eHCI), Multi-Beam-Forming (mBeam), Speckle Resistance Imaging (eSRI), and Spatial Compounding Imaging, etc. Various image parameter adjustments, 12.1 inch LCD and diverse probes are configured to provide clear and stable images.

- Multi-language displays
- 256 gray scale
- Two probe sockets

Display modes:

B, B+B, 4B, B+M, M, B+PW, B+Color, B+Color+PW, B+PDI/DPDI, B+PDI/DPDI +PW.

Generic Measurements and Calculations:

- B/Color Mode: Distance, Cir/Area (Ellipse/Trace), Volume (2-Axis/3-Axis), Ratio, % Stenosis, Angle, and Histogram.
- M Mode: Distance, Time, Slope and Hear Rate (two cycles).
- PW Mode: Velocity, Heart Rate, Time, Acceleration, Resistance Index (RI), Pulsatility Index (PI) and Auto (auto trace).

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Technical Specifications

Display Modes	
B Mode:	Single, Dual, Quad
C Mode:	B/C (Single, Dual);
Simultaneous dual mode:	B+B/C; Triplex mode B/C/PW
PDI/DPDI Mode:	B/PDI (DPDI) (Single, Dual); Simultaneous dual mode: B+B/PDI(DPDI); Triplex mode B/PDI(DPDI)/PW
PW Mode:	B/PW (duplex, simultaneous); B+C/PW, B+PDI (DPDI) / PW (duplex); B/C/PW, B/PDI (DPDI) / PW (triplex);
M Mode:	B/M (Display layout: Up/down, Left/right,1:1)
Image Gray Scale:	256 levels
Image Magnification:	In area Real time: ×1.2, ×1.4, ×1.6, ×2.0, ×2.4, ×3.0, ×4.0 Frozen: ×1.14, ×1.33, ×1.6, ×2.0, ×2.67, ×3.2, ×4.0
Storage:	504 MB
Cine Review:	409 frames (Color) / 1227frames (Black & White)
Depth Adjustment:	Adjustable in real time in all modes
Image Conversion:	Up/Down flip, Left/Right flip, 90° rotate, B/W invert
Language Conversion:	Chinese, English, etc. (The language options varies with language software installed.)
Focus Number:	Max. 4
Software Packages:	Abdomen, obstetric, small parts, gynecology, cardiology, urology, vascular and Pediatrics.
B mode Measurement:	Distance, circumference, area, volume, ratio, % stenosis, angle, and histogram.
M mode Measurement:	Distance, time, slope, and heart rate
D mode Measurement:	Time, heart rate, velocity, acceleration, RI, PI and Auto (auto trace)
Annotations:	Patient name, age, sex, time, date, hospital name, doctor name, comment (full-screen character editing)
Body Mark:	130 types
USB Port:	USB 1.1

Transducers

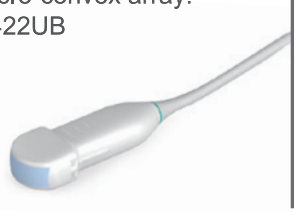
Convex array:
C352UB

Micro-convex array:
C612UB

Micro-convex array:
C6152UB

Linear array:
L552UB

Micro-convex array:
C422UB



Linear array:
L742UB

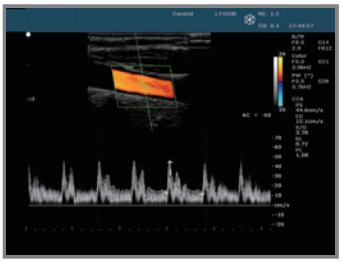
Linear array:
L1042UB

Endovaginal:
E612UB

Screen Samples

Color Doppler Sensitivity
Renal Flow

Harmonic Imaging
Baker's Cyst



Auto-Doppler Calculations
Carotid Artery

Endovaginal Imaging
First Trimester OB

2D Spatial Resolution
Fetal Heart

Color Doppler Imaging
Second Trimester OB

Color Spatial Resolution
Hepatic Veins

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