

P10V

Veterinary
Digital
Ultrasonic
Diagnostic
Imaging
System



 MediSono

P10V



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



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

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

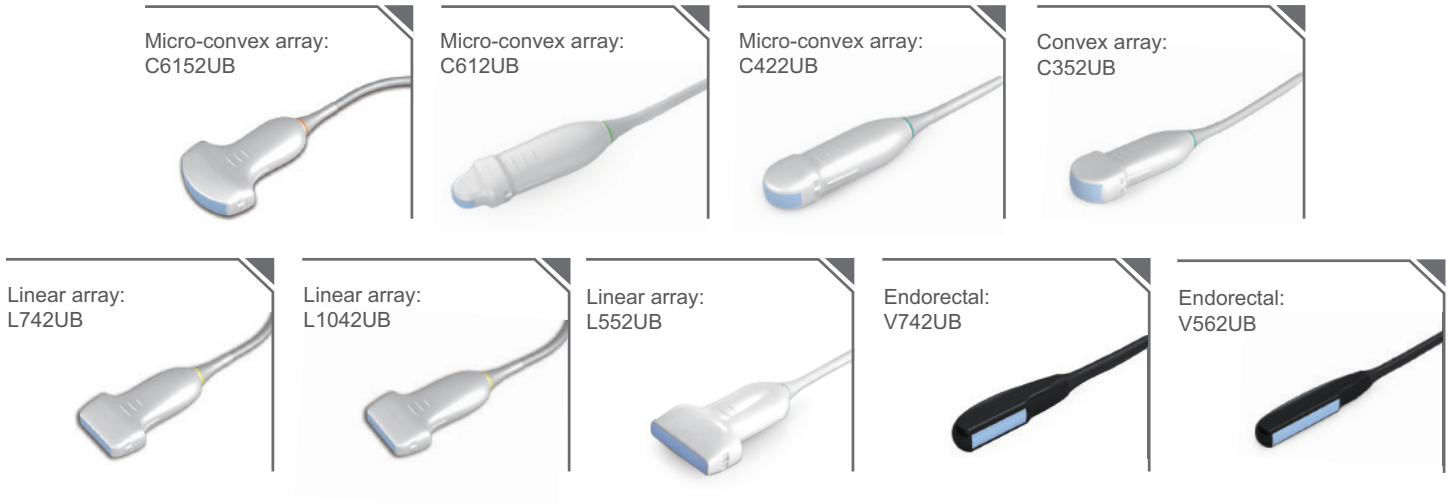
Display modes:

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

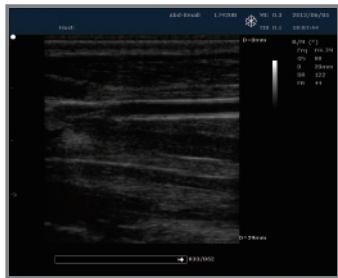
Generic Measurements and Calculations:

- 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).

Transducers



Screen Samples



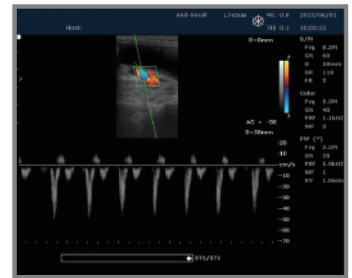
Bovine Muscle



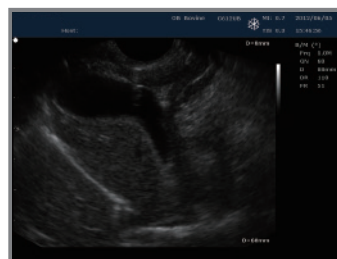
Bovine Uterus



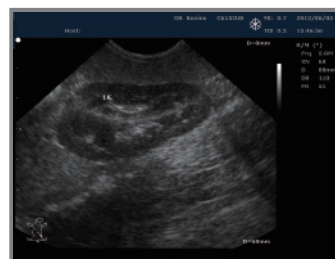
Feline Kidney



Canine Artery



Canine Gall Bladder



Canine kidney



Canine Liver



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