

P11

Digital
Ultrasonic
Diagnostic
Imaging
System



P11



Complete imaging technology: color M, CFM, PW, CW, Anatomical M, TDI
Wide range of transducer: high frequency linear, high and low frequency phased array and micro-convex array
Professional and abundant cardiovascular measurement software

Trolley sold separately

Features

P11 is a full function hand carried Color Doppler system that can be widely used in clinical practice. Medisono has developed this system to satisfy all the basic clinical requirements as Radiology, Cardiology, OB/GYN, Vascular and Small parts. With the help of powerful software packages, professional transducers, built-in battery and other user-friendly designs, P11 makes it possible for doctors to serve patients anywhere and anytime without compromise.

Premium Features

- 15 inch LCD monitor
- CFM, DPI, PW, HPRF, CW
- One button image optimization: M-tuning
- Tissue Harmonic Imaging, Compound Imaging
- Trapezoidal Imaging and standard Freehand 3D Imaging

- Intuitive interface and full functional control panel
- Lightweight, built-in Li-ion battery supports continuous scanning for more than one hour without power supply
- 2 universal sockets for quick switch during scanning
- Optional socket extender, P11 connects with 3 transducers at the same time
- 2 USB 2.0 ports and DICOM 3.0 port S-video and VGA ports
- USB based software upgrade

Application

- Radiology
- OB/GYN
- Cardiovascular
- Urology
- Emerging Application



Technical Specifications

Advanced Technologies

- Digital Front-End
- Compound Imaging
- Harmonic Imaging
- Panoramic support
- High Pulse Repetition Frequency
- Graphic Exam Icon

System Overview

Applications

- Abdominal
- Cardiology
- Obstetrical
- Gynecological
- Musculoskeletal
- Vascular
- Urological
- Small Parts and Superficial
- Pediatric
- Anaesthesia

Scanning Methods

- Electronic Convex Sector
- Electronic Linear
- Electronic Phased Array Sector

Sweep Angle

- Curved Probe: 70 degree or more
- Phased Array Probe: 90 degree or more
- Micro-curved Probe: 133 degree or more

Operating Modes

- B-Mode
- M-Mode
- TDI-Mode
- Color Flow Mode(CFM)
- Power Doppler Imaging(PDI)
- Pulse Wave Doppler(PWD)
- Continuous Wave Doppler(CWD)
- 3D Mode
- Color M Mode
- Steer M-Mode

Display Modes

- B: Gray-scale imaging
- Color: Color Doppler, Power Flow and Directional Power Flow Imaging

- THI (Tissue Harmonic Image)
- Dual B, Quad Display
- B and M, display format selectable
- B and Doppler
- B+Color
- Dual B(Flow)
- Triplex mode: B, Flow, and PW/CW Doppler
- B, Flow, and Color M
- Simultaneous Refresh Display
- Variable screen size: Change the screen ratio of 2D and Doppler/M in duplex or triplex mode
- Panoramic Imaging(optional)
- Compound Imaging
- Trapezoid Imaging

Standard Features

- Frame Rate:Max.505 frames/sec or more
- Display Gray Scale:256 levels
- Digital Channel Number:1024
- Probe Elements: Up to 256

Integrated Data Management System

- Hard Disk memory capacity: 160 G
- Storage media
- USB Drive

Storage of Images and Cine

- Cine loop: 10000 frames or more
- Cine loop time:60 seconds or more
- Real time single/dual static and dynamic

Image storage

- Archived image can be viewed on PC
- Cropboard function: in Freeze Mode
- Cine play back mode for Dop.
- Doppler Cine Sound Play Back Function

Electrical Power

- Voltage:100/220 Volts AC
- Current: 3.15 Amps
- Frequency:50/60Hz

Display Screen

- 15-inch High-Resolution Color LCD monitor
- Contrast and bright: 0-100 changeable

Probe Connectors

- Active Connectors: 2 connectors

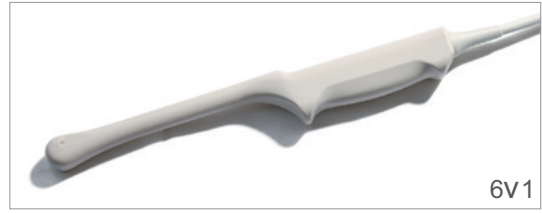
Transducers



C344



L012



6V1



C611

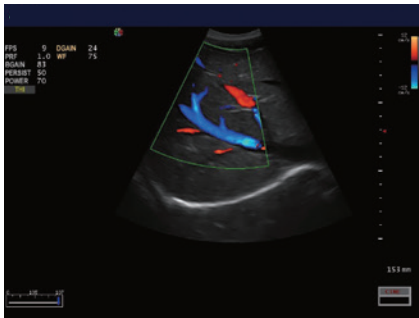


L741

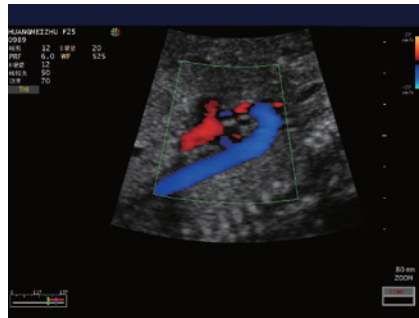


5P1

Screen Samples



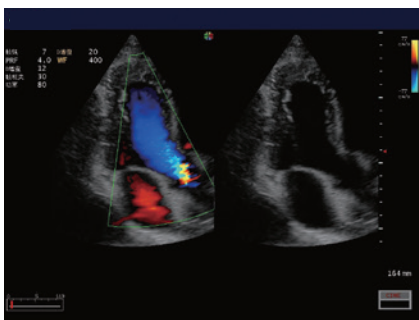
Hepatic Vein



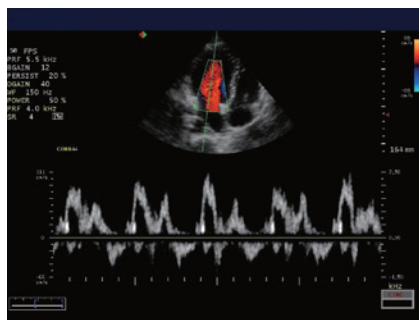
Fetal AO Arch



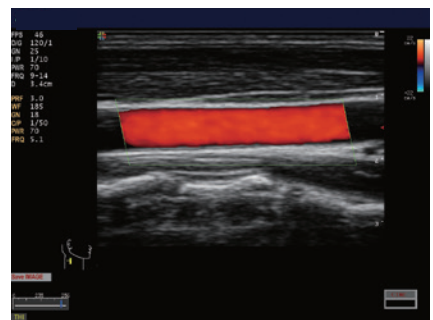
Kidney



LVTO Flow



MV FLOW



Common Carotid Artery



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