P11
Digital Ultrasonic Diagnostic Imaging System
MediSono
## 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, HPFF, CW
- One button image optimization: M-tuning
- Tissue Harmonic Imaging, Compound Imaging
- Trapezoidal Imaging and standard Freehand 3D Imaging

### 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
- Anesthesia

##### 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: 135 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

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

#### Display Screen
- 15-inch High-Resolution Color LCD monitor

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

#### 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

### Standard Features
- 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
- Compound Imaging
- Trapezoidal Imaging

### Integrated Data Management System
- Hard Disk memory capacity: 160 G
- Storage media
- USB Drive

### Probe Connectors
- Active Connectors: 2 connectors
- Trolley sold separately