P12 Exp
Digital Color Doppler Ultrasound System

Compact System with high image quality

MediSono

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A new concept of ultrasound

The P12Exp offer complete scanning mode, outstanding 2D performance, sensitive blood flow, freehand 3D and volume 4D imaging technology with the best package for all applications. With wide range of Linear, Convex, Phased Array and bi-plane Endocavity multifrequency probes perfectly fit into every medical environment.

Ergonomics and design
Compact and agile trolley design with High definition LED monitor with articulating arm Four active transducer sockets, Intuitive user interface and fast system response greatly improves workflow during daily scanning make it available for a wide range of applications.

Connectivity
Quick and easy data sharing and data access. Images and clips can be stored in real time, reviewed, exported in different formats and printed on USB and/or PC printers and full compatibility with PACS networking.

USB Two USB 2.0 ports to export data on external devices. Easy upgradability of the system.

NETWORK Integrated network to be connected to Windows® or DICOM networks.

PRINTERS Full capabilities for printers DICOM or Windows®, USB, Network or Video signal connection.

EXTERNAL MONITORS HDMI and VGA for complete external Monitors or LCD video capabilities.

PC SOLUTIONS PACS IMAGE data, archiving and back-up.

Ultraview
Ultraview is a simple, PACS compatible, image viewing software for clinical department and hospital use. It allows to view and store images for remote and multi-disciplinary diagnosis. By providing an intuitive, easy-to-use solution, hospitals and clinics are able to train their staff quickly yet thoroughly; improving efficiency, job satisfaction and patient care.
Outstanding Image quality in different applications

The imaging technologies and the complete scanning capability, including 4D with a dedicated probe, make P12 Xpr the right choice in OB/Gyn and in many other applications whether traditional or emerging, such as abdomen, cardiovascular, small parts, musculoskeletal, urology, and anaesthesia.

Advanced Technologies

- 3D/4D Imaging Mode
- Auto Measurement of Intima-media Thickness (IMT)
- Multi-slice edits for internal structure of the foetus
- Dedicated OB/Gyn package
- Dedicated Cardiac package
- Anatomic M Mode

Standard Imaging Technologies

- Multi-Beam Formation Technology
- 16MHz
- High Frequency Linear probes up to 16MHz
- Colour Doppler enhancement technology
- Spatial Compound imaging
- Phase-inversion Harmonic imaging + Frequency Compound imaging
- Needle enhancement function, to help delineate
- Multiple imaging Modes
- Duplex & Triplex imaging
- One key Image Optimization
- Speckle Noise Reduction Technology (SNST)
The wide range of Linear, Convex and Phased Array multifrequency probes and license-based options allow every single user to define and select a customized solution for OB/Gyn, General Imaging, Share service and POC applications.

**OB/GYN**
- Superior 2D Image quality
- 3D and 4D imaging
- Wide view angle trans-vaginal probe
- Complete OB/GYN measurement software

**GENERAL IMAGING - RADIOLOGY**
- Superior 2D Image quality.
- PW Doppler with high sensitivity and
- Multifrequency with high penetration in abdominal scanning.
- Multiformat: 2B, 4B, CFM, DPI and PW.
- Wide range of multifrequency probes: high density linear and convex
- 16 MHz High Frequency probe
- Full connectivity

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**PB-10L1**

**PB-10L2**

**PB-2P1**

**PB-5P1**

**PB-6V1**

**PB-L741**

**PB-C322**

**PB-C542**

**PB-C611**

**PB-EC9-5**