

P12

Color
Doppler
Trolley
System



P12



As an easy-to-use ultrasound system, P12 is integrated with new software platform specially optimized for smooth workflow and convenient operation. The system will speed up doctor's exam process and make file management much easier.



Features

- Smart patient file management: Easy to retrieve patient image and data at any time;
- Complete DICOM system: Save, Storage Commitment, MPPS, Print, Worklist, advanced file transmission/management;
- Full data solutions: 320G Hard drive, USB ports, VGA, S-video, DVD RW, LAN port, thermal printer support;
- Flexible user-defined function, function keys, icons, measurement, report, comment, layout...
- Support external USB laser/jet printer
- Support Linear, Convex, Micro-convex, Transrectal, Trans-vaginal, Intraoperative, Phased array transducers
- Post-saved image measurement and calculations
- Professional report for different exams: Abdominal, OB, GYN, Small Parts, etc.

Advanced Color Doppler System:

- Color Flow Mode
- Power Doppler
- Pulsed Wave
- Spatial Compound Imaging
- Continuous Wave (optional)
- Panoramic Imaging (optional)

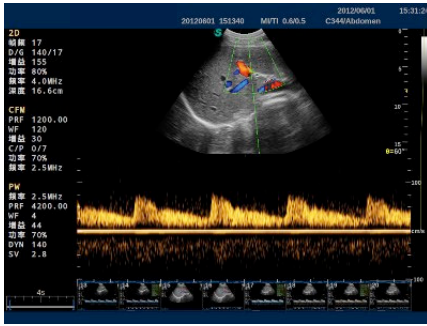
Various Diagnostic Applications:

- General Practice: Abdominal, OB, GYN, Vascular, Urology, Small Parts

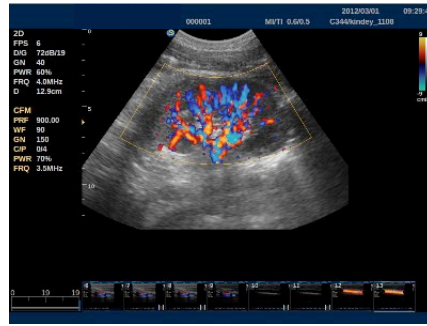
Technical Specifications

Sweep Width/Angle:	Linear Array: Maximum 46mm Convex Array: $\geq 70^\circ$ Phased Array: $\geq 90^\circ$ Micro convex Array: $\geq 135^\circ$ 4D probe: 70°
Scanning Methods:	Electronic Convex Sector, Electronic Linear, Electronic Phased Array Sector, 4D Automatic Scanning, Electronic Endocavity
Applications:	Small Parts (Thyroid, Brest, Testicles and Superficial), Abdominal (Liver, Spleen, Kidney, Pancreas), Vascular (Carotid, Peripheral vessel), Cardiology, Obstetrical (Uterus, Appendages, Fetus), Gynecological, Urological, Musculoskeletal, Craniocerebral, Emergency (optional), ICU (optional), Anesthesia (optional)
Operating Modes:	B-Mode, M-Mode, THI-Mode, Color Flow Mode (CFM), Doppler Power Imaging (DPI), PW Mode, CW Mode (optional), Panoramic Imaging (optional), 4D Imaging (optional), Steer M-Mode (optional), Color M Mode (optional)
Standard Features:	Frame Rate: Max 800frames/sec or more (configuration dependent) Display Gray Scale: 256 Levels Probe Elements: Up to 128
Storage Media:	Hard Disk memory capacity: 320 G Storage media: USB Drive, DVD RW
Storage of Images and Cine:	Cine loop: 999 frames or more Cine loop time: 99 seconds or more Archived image can be viewed on PC Cropboard function: in Freeze Mode Cine play back mode for Dop.
Probe Connectors:	Active Connectors: 3 connectors
Display Screen:	15-inch High-Resolution Color LCD monitor
Environmental Requirements:	Power Supply: 100/220 Volts AC, 3.15Amps Frequency: 50/60HZ

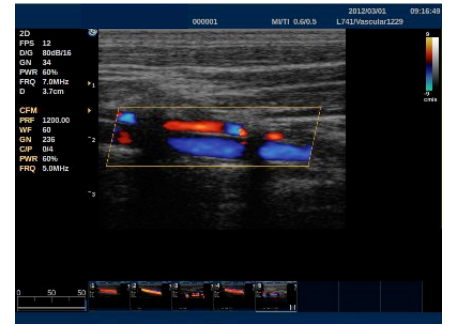
Screen Samples



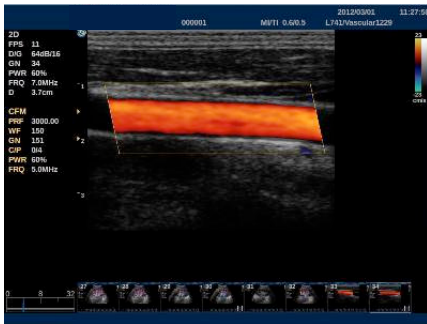
Hepatic Artery



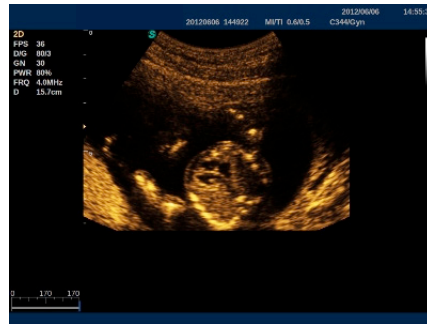
Renal Blood Flow



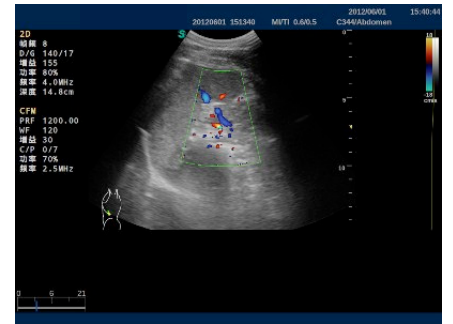
Vertebral Artery



Common Carotid Artery



Fetus



Splenic Blood Flow



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