

CHISON

Value Beyond Imaging



CHISON 600M (2012 Version)

PORTABLE ULTRASOUND SYSTEM

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PORTABLE ULTRASOUND SYSTEM

Enhanced Memory

- ◇ **256-Frame CINE-MEMORY:** can play back 256 continuous frames
- ◇ **Permanent storage in main unit:** can save typical frames for future comparison and printing



playback of 256 frames in CINE - memory

Ergonomic Keyboard

6 STC slides for easy adjustment

Choose different applications conveniently

One key access to different probes

Print directly from Keyboard

Back-lit and large track ball for easy operation



POWER
USB

Power Indicator

B, B/B, B/M, 4B modes can be selected easily by separate keys

Can save and recall images directly from keyboard

Play back cine images easily

Multifunctional Ports

◇ USB Ports



save image

Software upgrade



transport to PC

new software



◇ VGA Port

* Can connect external VGA monitor





3.5MHz Convex
(2.5/3.5/4.0/5.0MHz)



7.5MHz Linear
(5.0/6.0/7.5/9.0MHz)



6.0MHz Transvaginal
(4.5/6.0/7.0/8.0MHz)



Battery BT-200

Premium Images



Normal Liver



Splenic VEIN



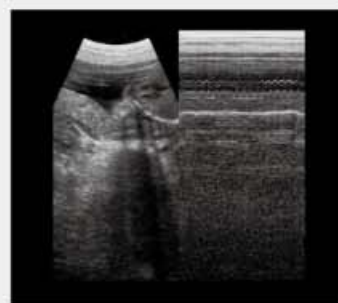
Carotid Artery



Fetal Genitals



Fetal Thighbone

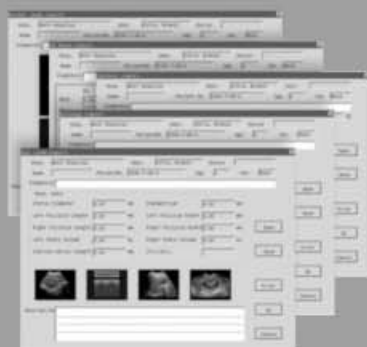


Fetal Heart

Powerful Software



Various measurements: Normal, OB, GYN, Urology, Cardiac, etc.



Report templates: Normal, OB, GYN, Urology, Cardiac reports



Built-in patient archive system

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TECHNICAL SPECIFICATIONS

Scanning Methods	Electronic convex/Electronic linear/Electronic micro-convex
Applications	Abdomen, OB/GYN, Small parts, Urology, Cardiology, Pediatrics etc.
Display Modes	B, B/B, 4B, M, B/M
Gray Scale	256 levels
Scanning Techniques	Real-time dynamic imaging:CDA, CDF, DFS
Scanning Depth	252mm Max (depend on the probe types)
Probe Frequency	2.5MHz~9.0MHz (depend on the probe types)
No. of Probe Connectors	2
Monitor	10-inch SVGA high resolution monitor
CINE loop	256 frames, playback speed selectable
Image Storage	Built-in memory, storage via USB disk
Zoom	Intelligent zoom, 4-step
Image Processing	Pre-processing: IP selection, smooth, frame averaging, scanning angle selection, line density selection etc.
	Post-processing: γ correction, gray transformation, gray rejection etc.
	STC: 6 slides for Near, Far and Overall gain control
Image Reversing	Left/Right, Up/Down
Software packages	General software packages for Abdomen, OB/GYN, Small parts, Urology, Cardiology etc.
	Special cardiology package: LV, Mitral valve, Aortic valve, CO, LVET, MVCF, Cardiac Index, SV, EF etc.
	Special fetal growth analysis software package: LMP, BBT, fetal growth curve, fetal weight etc.
General Measurement	B mode: distance, circumference, area, volume, ratio, angle, % stenosis, histogram, profile etc.
	M mode: distance, time, velocity, heart rate etc.
	EDD tables: BPD, GS, CRL, FL, HC, AC (user-defined EDD tables are available)
Report templates	Normal report, OB report, GYN report, Urology report, Cardiac report etc.
Archives Management	Patient information management
Documentation	Full screen documentation, hospital name, patient name, date/time
	Annotation database available, pre-saved phrases can be recalled
Power Supply	AC 230V $\pm$ 10%, 50Hz(standard)/ AC 110V $\pm$ 10%, 60Hz (Upon customer request)
Standard Configuration	Main unit + 3.5MHz convex probe + 2 probe connector + USB ports + VGA port
Options	7.5MHz linear probe, 6.0MHz transvaginal probe, Video printer, USB flash disk, Trolley(model: TR-1000 or TR-8000), Battery, Biopsy kit, DICOM

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