



www.chison.com.cn

CHISON 8500(2012Version)

***Digital* ULTRASOUND SYSTEM**

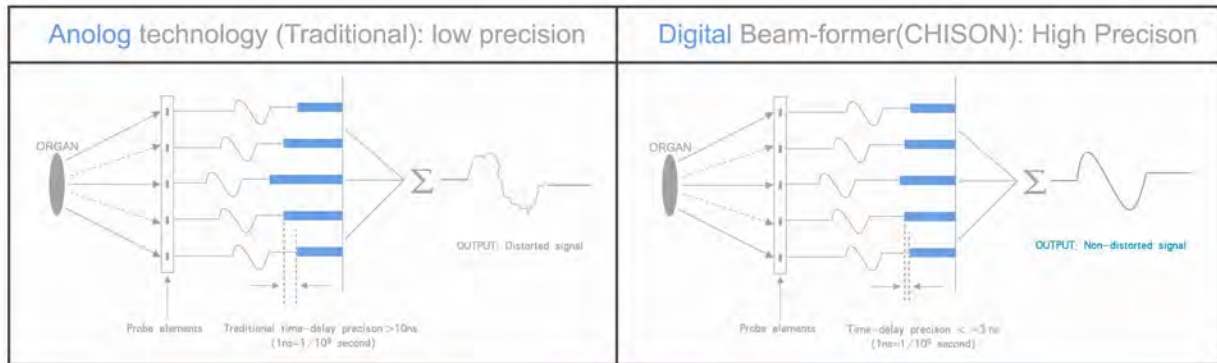


CHISON
Value Beyond Imaging

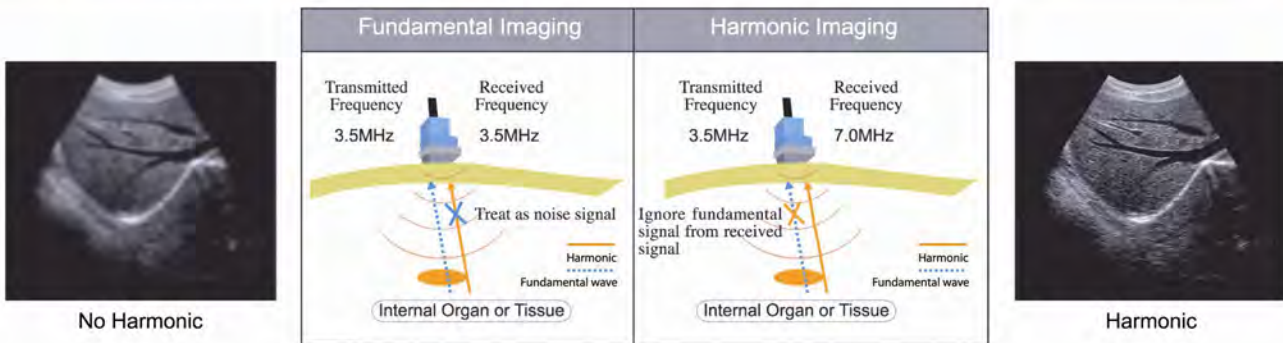
CHISON 8500

DIGITAL ULTRASOUND SYSTEM

Super Image: Advanced digital beam-former technology !



Harmonic Imaging !



Crystal images



Thyroid



Fetal Brain



Liver



Kidney



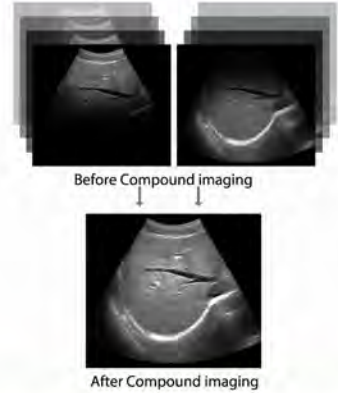
Early Pregnancy



Carotid Artery

Compounding Technology

- ◇ With broadband signal transmission and reception.
- ◇ Good real-time frequency compound technology.
- ◇ Using different frequency process the near and far field signal and then combine into one image.
- ◇ Improve image resolution and penetrating.
- ◇ Improve the image contrast.



USB

- ◇ Images saving and transfer — can easily and quickly save over hundreds of images on the portable USB flash memory disk.
- ◇ The software can be easily upgraded through USB.



Powerful Software



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



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



Built-in patient archive system

Specifications

Chison 8500

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: RDF, RDA, DFS, DRA Harmonic imaging ,Compound,VHSI
Scanning Depth	246mm Max(depend on the probe types)
Probe Frequency	2.0MHz~10.0MHz (depend on the probe types)
No. of Probe Connectors	3
Monitor	15-inch LCD high resolution monitor
CINE loop	256 frames, playback selectable, can be saved in USB disk and recalled for analysis
Image storage	Built-in memory, storage via USB disk, saved image can be recalled for measurement
Zoom	Intelligent zoom,4 steps
Image Processing	Pre-processing: IP selection, dynamic range, edge enhancement, smooth, frame averaging, scanning angle selection, line density selection etc. Post-processing: γ correction, gray transformation, gray rejection etc. STC: 8 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 Measurements	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 and 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)/AC110V \pm 10%, 60Hz (Upon customer request)
Standard Configuration	main unit+15"LCD+(3.5MHz Convex probe)+USB ports+Ethernet port +3 probe connectors+Harmonic
Options	7.5MHz linear probe,6.0MHz Transvaginal probe,3.0MHz Micro-Convex.probe Video printer,USB flash disk,DICOM 3.0.Compound,VHSI



3.5MHz Convex
D3C60L-5



7.5MHz Linear
D7L40L



6.0MHz Transvaginal
D6C12L



3.0MHz Micro-Convex
D3C20L

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