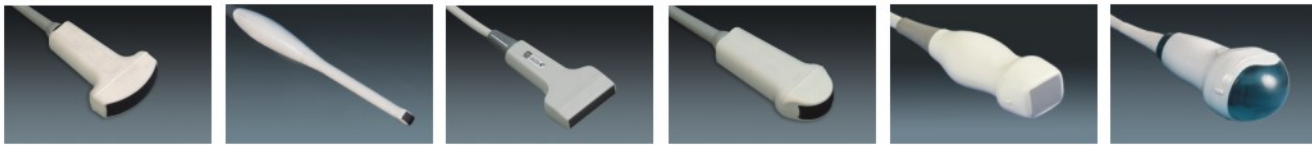


Specification

Operating Mode	B, 2B, 4B, B/M, M, B/C, B/C/D, B/D, CW, PW, velocity, power (direction), histogram, Triplex/Duplex
Probe	Electronic convex, linear, transvaginal, pediatric, Wide band multi frequency
Imaging Processing Technology	Imaging optimization technology, Compound enhance technology, Speckle reduction, Multi beam parallel processing technology, Wall filter, Color coding, Doppler frame correlation, Tissue Harmonic
File management	Hard disk storage, Cine loop, DVD-ROM, USB, RS232, DICOM 3.0 Intranet, Parallel printing port
Software Packages	OB, Gyn, Small parts, Urology, Anthology, Cardiac, Vessel
Standard Configuration	Main unit, 3.5Mhz Convex Probe, 17" LCD, 10" Touch Screen, 6 USB port
Options	6.5Mhz R10 transvaginal probe, 7.5Mhz Linear Probe, 2.5MHz phased array probe, 3.5Mhz R40 volume probe, 4D, DICOM 3.0, needle guided bracket, printer, DVD-RW

Probes



HY8000Pro

Color Doppler Ultrasonic Diagnostic System

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Experience

Frontier Imaging Processing Technology



Multibeam Parallel Processing

After emitting one wave, receiving echo signals from different directions, and improve image's time resolution, improve decreasing noise of frame frequency.

Intelligent Speckle Reduction

Automatically recognize and enhance effective tissue information of echo's signal, decreasing and eliminating noise, improving signal noise ratio, make images clearer.

THI

Adopting echo wave's tissue harmonic imaging, reduce the overlap structure and side valve's distortion, improving space resolution and contrast resolution.

Composite Gain

Applying of TGC and D-AGG, keeping the undistorted echo signals, realize high signal noise ratio. Applying TGC Gain, to reach linearly amplify the inputting signal's strength so that to improving output signal noise ratio, dynamically adjusting TGC to best adjustment value.



Friendly clinical solutions

- Real time Triplex
- Micro angle adjustment
- One key optimization
- Touch Screen
- 4D



Clear Image with Advanced Technology

Coding control of signal emitting

Adopting coding technology controls and generates accurate transmitting waves, in order to reach the best fitted matching result with the probe, and improve the echo wave quality in all filed.

Weighted emitting technology

Add different voltage excitation pulse on emitting elements, in order to enhance main valve and decrease side valve, eliminate false images

Doppler Frame Correlation

Through time accumulating to increase signal-noise ratio of signal testing, improve sensitivity of weak blood signal, and make the image layers be more reasonable, clearer, and smoother after Doppler frame correlation

Doppler High Speed Optimization

Automatically optimizing Doppler spectrum. upon different blood flow, and automatically optimizing color Doppler blood flow quickly upon different blood speed. It is available for obtaining best blood flow images of serious patient and children in short time.

Accurate blood flow imaging

Intelligently recognize blood activity and tissue activity, make blood flow more filling, and make tissue's boundary clearer.

