



NEUSOFT MEDICAL SYSTEMS

Neusoft Medical Systems

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Diagnostic Ultrasound Systems
FLYING

All Digital Color Doppler
Diagnostic Ultrasound Systems

FLYING



Competitive in latest technology

Proven system architecture and software from joint venture between Philips and Neusoft

Consummate image quality

Professional medical display monitor and high quality transducers together with advanced imaging, measurement and quantification technologies

Comprehensive clinical application

Absolutely right for cardiovascular, OB/GYN, anesthesiology, women's health, oncology, electrophysiology, stress echo, pediatrics, orthopedics, urology, emergency etc

Circumspect service support

Professional service engineers team and professional technique training system widely approved for a decade or so

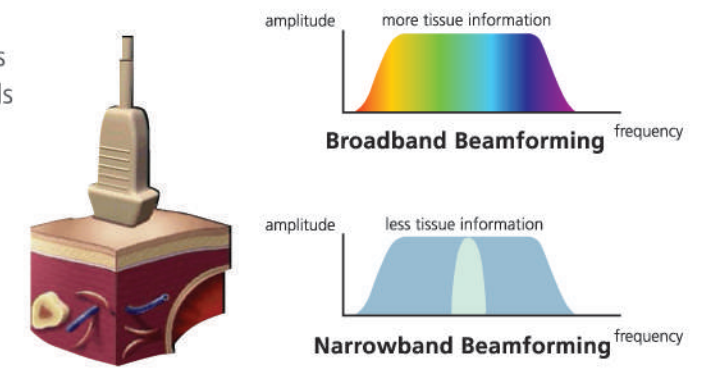




Ultra Sound Technical Platform

1024 Channel Digital Broadband Beam-Former

Digitally captures and processes the entire range of tissue signals from 1 to 15MHz with a large dynamic range of 232db

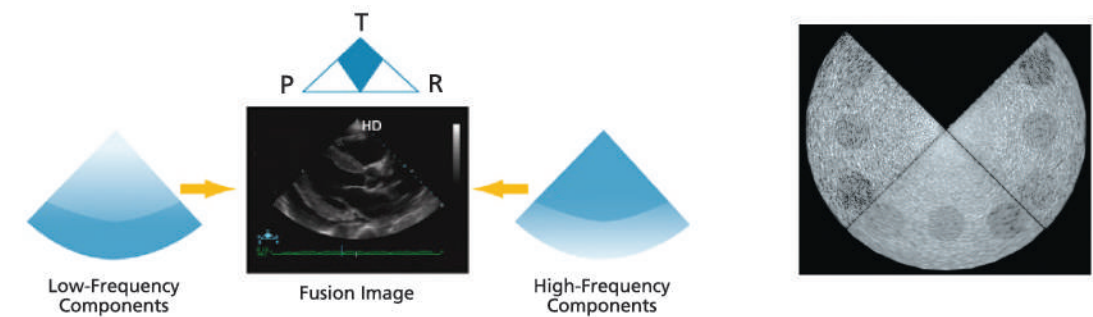


MicroFine™ Focusing

Precisely transmits and receives focal control with advanced focal compounding capability Improved tissue textures and interfaces

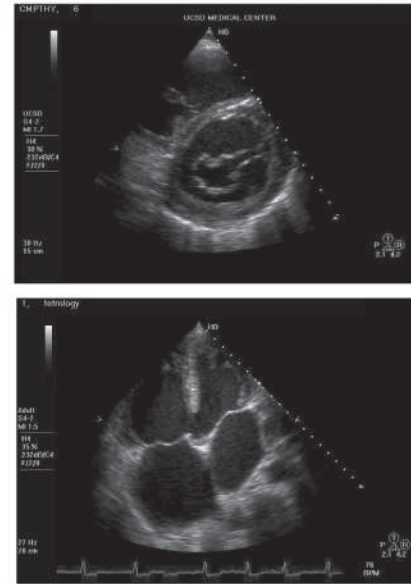
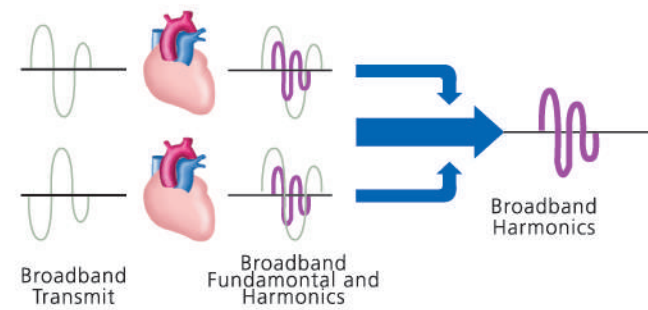
Fusion Signal Processing

With high quality transducers transmitting broadband signals, the system receives reflected signals of different frequencies from different depths, the highest frequency procured to produce images of highest possible resolution. Besides, the system offers different ranges of frequency for different people



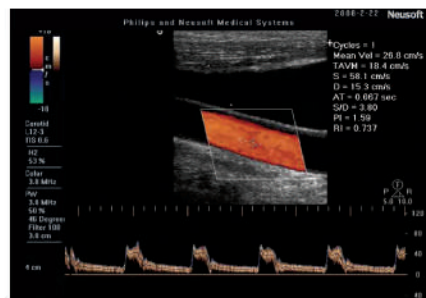
THI with Pulse Inversion Technology

An extensional function of THI, which through real-time digital information storage and phase cancellation, acquires broader broadband and purer harmonic signals, greatly improving axial resolution and overall image quality



Many Kinds of Display Mode

- Real-time Dual Display
- Trapezoidal Display
- 2D/C Steer
- Free-Hand 3D
- Anatomic M-Mode
- Panoramic



Sensitive and High Resolution Doppler

- Enhanced Wide Frequency Color Doppler (EWFC)
- Color Power Angio Doppler (CPA)
- Directional Color Angio Doppler (DCA)
- Adaptive Color Angio Doppler (ACA)
- Intelligent Doppler
- High-Q Real-time Doppler Analysis



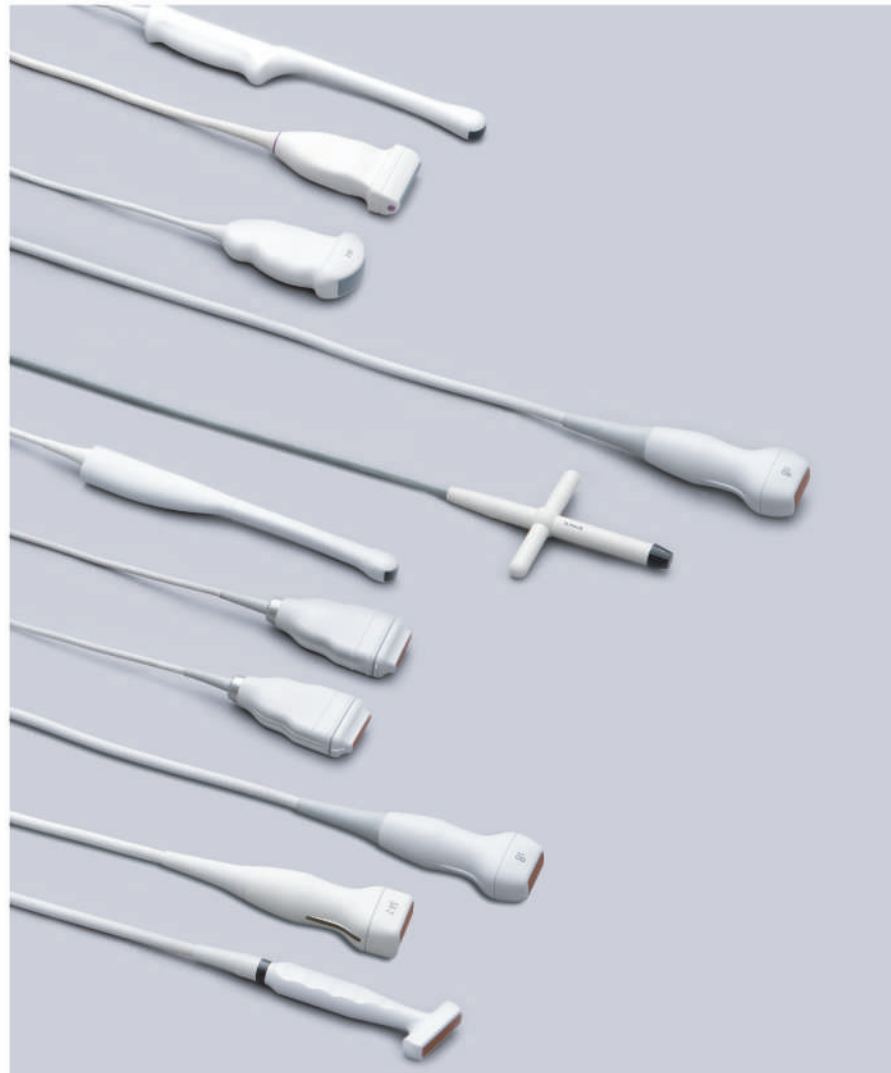
Ergonomic and Humanistic design



Large Scale Movement

LCD Monitor-Support Arm
±120° rotation, 10° anterior tilt, and 15° posterior tilt

Console
175 mm vertical move, 180° clockwise and 165° counterclockwise rotation



High Performance Transducers

The system offers nine optional transducers for the check of every part of the body

Maximum four active transducer connectors and convenient shift among different transducers

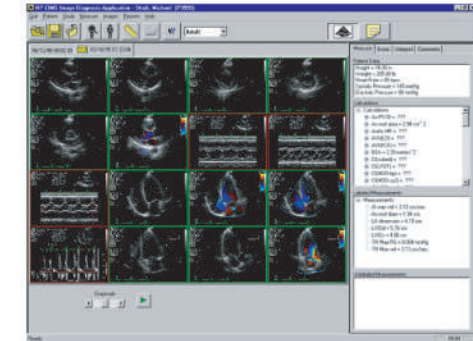
Flexible Storage and Integrity

- Export of .avi and .bmp images for PC compatibility
- CD burning
- DICOM Media Support (optional)
- DICOM Network Print and Store (optional)
- USB connections for external printers



On-Board Data Management

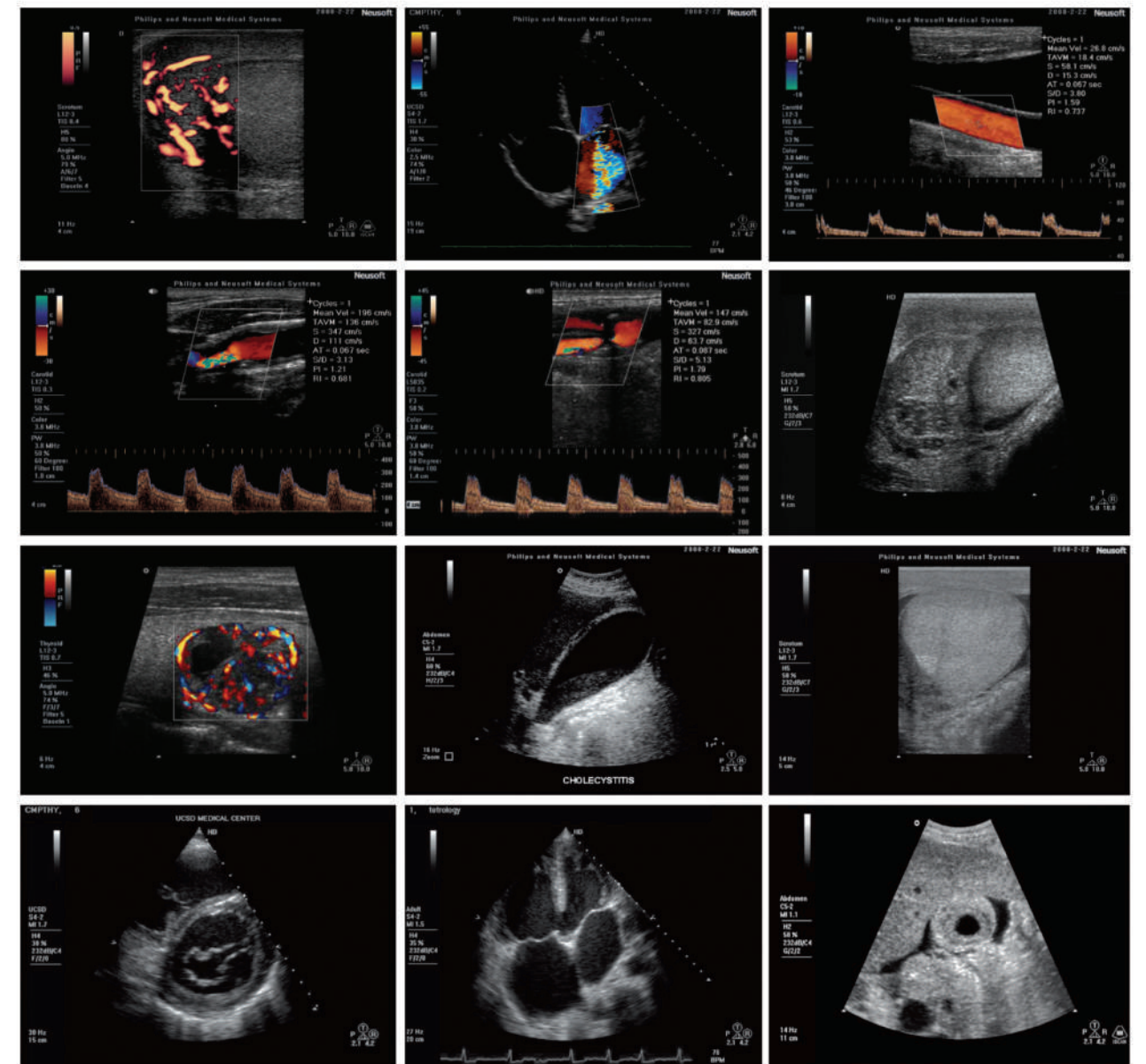
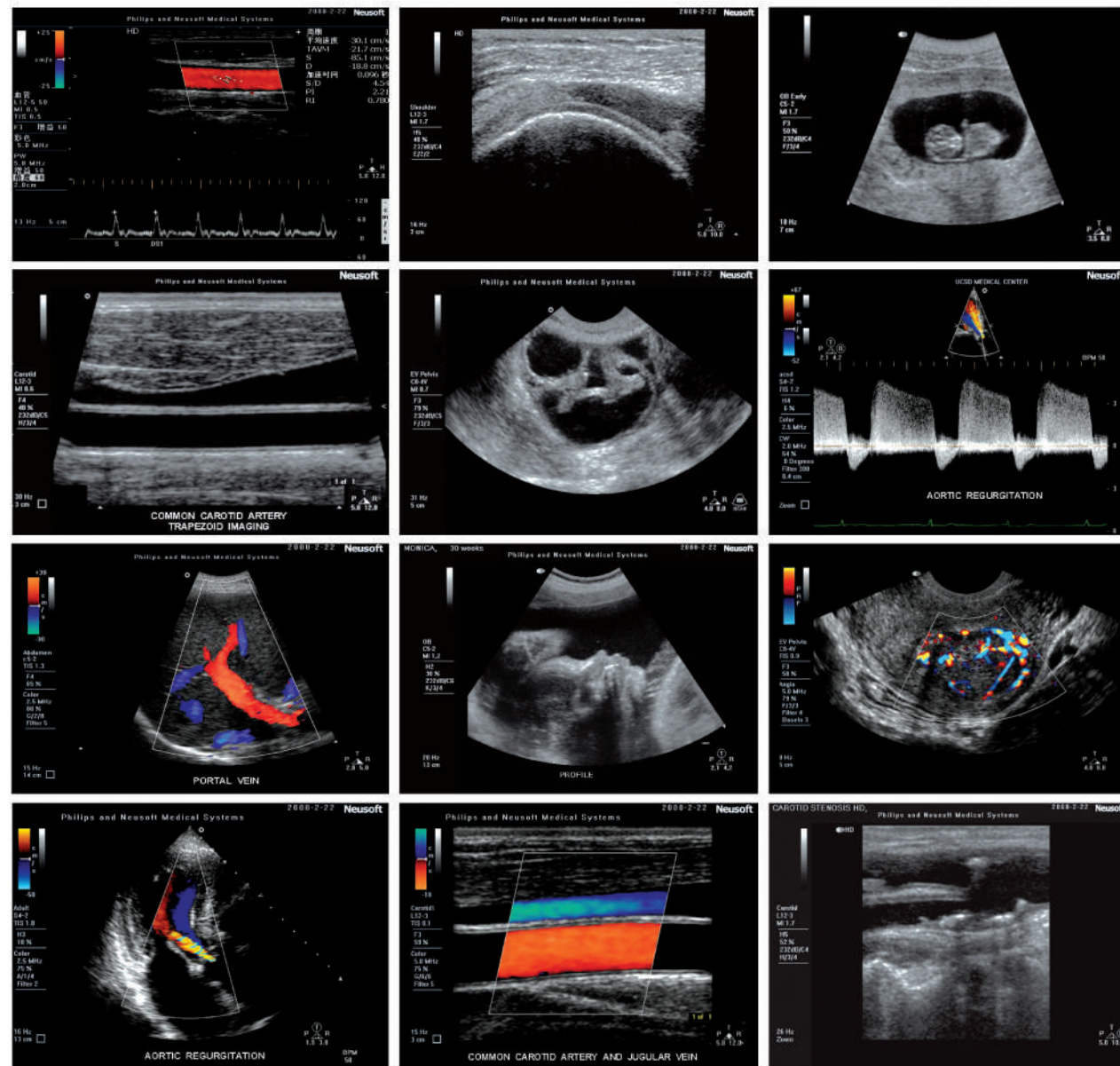
- Quick access to stored data through thumbnail review
- Full editing of images, loops and reports
- Capability to embed images with reports
- Application specific measurement and analysis



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Exceptional Clinical Images



* The appearance and specifications are subject to change without prior notice. the content in this brochure is based upon typical sites and may vary based on site conditions.