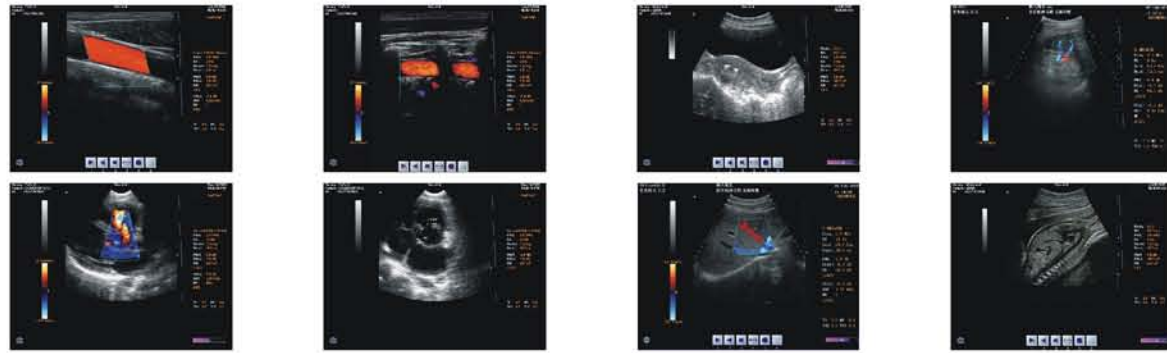


Technology

Based on the advanced digital technology and ergonomic engineering design, NeuSonic V integrates high quality 2D imaging and super Color Doppler exams, which provides you the guaranteed outstanding image. Specially designed operating keyboard according to human-engineering provides you smooth work-flow user interface. The NeuSonic V has set a new and wide examining application for OB, vascular, cardiac, gynecology, small parts and urology etc. Articulated LCD monitorarm allows free movement and clever operation.

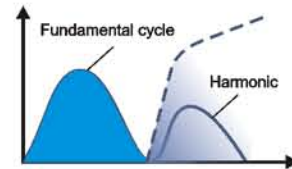


512 frames of cine loop



Tissue Harmonic Imaging

Adopting harmonic signal from tissue echo to reduce the overlap structure produced by reflection restraining the side lobe and distortion, obtaining wider broad band frequency in harmonic mode to enhance the spacial resolution and contrasted resolution, which contributes to high quality image from all band frequency.

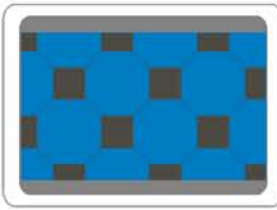


Edge enhancement



Adopted edge enhancement technology to increase the contrast between cavity and wall for differentiation.

Angle adjustment



Angle adjustment technology improves the accuracy of Doppler image.

Splendid Color Doppler Ultrasonic Diagnostic System



Technical Specifications

- Applications**
 Abdomen, cardiology, gynecology, obstetrics, urology, vascular and small parts, etc
- Working mode**
 B, B/B, B/M, M mode, dual image mode, duplex, 2D&PW Doppler, triplex, 2D, color & PW Doppler, color Doppler, energy Doppler, spectrum Doppler
- Focusing**
 Transmitting focusing (8 ranges), receiving continuous focusing
- Display parameter**
 Acoustic power, total gain, dynamic range, TGC curve, gain of Doppler, pulse repetition frequency, wall-filtering ratio.
- Image process**
 Colorful map, frame average processing, angle adjustment, wall filter, 512 frames cine loop, 3D software
- Gray**
 256
- Image storage**
 Large capacity storage in hard disk
- Image output**
 Floppy disk, USB and color video printer, laser printer.
- Measure functions**
 Normal measurement and calculation, obstetrics measurement, heart measurement, urology measurement special software etc.
- Standard configurations**
 Main unit, 15" RGB color monitor
 2 probe connectors
 3.5MHzR65 convex probe
 7.8MHz high-frequency linear probe
 DVD-RW
 6 USB ports
- Options**
 3.5MHzR20 micro-convex probe
 7.0MHzR10 vaginal probe
 3rd probe connector
 Color video printer, laser printer
 3D Free arm LCD monitor
 DICOM 3.0



NewTech®



NeuSonic V COLOR DOPPLER ULTRASOUND SYSTEM



NewTech Medical Limited

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 Bloomington 55437, Minnesota, U.S.A
 Tel: 1-952-837-2688 Fax: 1-952-400-8947
<http://www.newtech-medical.com>
 E-mail: info@newtech-medical.com

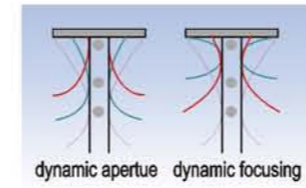




Convenient, versatile

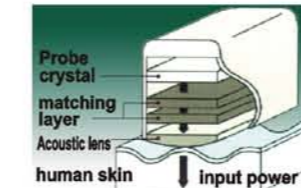
- High resolution ultrasound imaging system with patented adaptive focusing
- High performance ultrasound imaging from 2MHz to 10MHz
- Three imaging frequencies for each transducer and two or three Doppler frequencies available
- Images and reports storage to disk as PC based system. Images and reports can be copied to external media
- Multiple application specifically presets for each probe
- Wide range of peripherals from Windows
- Professional Operating System, easy to be upgraded with software enhancements

CAD&CDF

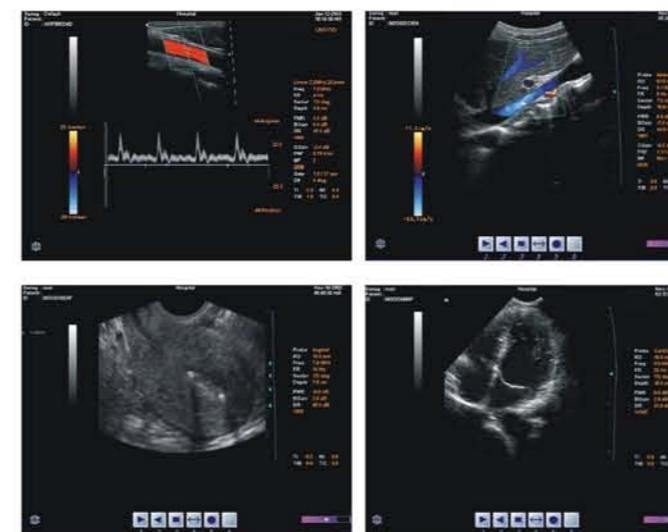


Adopt CAD&CDF to improve distinguishing rate of image and detecting depth.

Scientific Matching



Scientific matching to avoid waste of ultrasound energy effectively, improve detecting performance of probe greatly and assure the definition of image.



Clearer image

Colorful map



Colorful map optimizes the echo structure.

wall filter



Wall filter enhances the boundary clarity of color flow display effectively.

Frame average processing



Frame average processing improve the clarity of minute part of organization which is measured.

Outstanding digital technology



Leading integrate digital color Doppler imaging technology in the world



Through the best image quality and performance applied in all diagnostic fields



Wide frequency probes with advanced technology and exact manufacturing from USA.



Modularized software of multiple functions



Operating keyboard with ergonomic and innovative design



3D imaging



Digital image storage and document management (USB port, DVD-RW, CD-ROM reading and writing storage in hard disk, color printing)

