



NeuSonic C, not only endeavors to offer the most competitive price, but also focuses on excellent performance: high resolution images, broadband and multi-frequency transducers, abundant obstetrics/gynecology software packages, dual USB ports, 204-frame cine-loop, 128-frame build-in image storage and various storage forms, etc. , all of which make clinical diagnosis more functional and convenient.



NeuSonic C

Digital Ultrasound Diagnostic Imaging System



Specifications:

• General:

Imaging mode: B, B+B, 4B, B+M, M
 Gray scales: 256
 Display: 14" non-interlaced
 Transducer frequency: 2.5 ~ 10MHz
 Transducer connector: 2 standard
 Beam-forming: Digital Beam-forming
 Dynamic Receiving Focusing
 Real-time Dynamic Aperture
 Dynamic Frequency Scanning
 Dynamic Apodization
 Tissue Harmonic Imaging
 Tissue Specific Imaging
 Scanning angle:
 From 40 to 155 degree (depending on transducers)
 Scanning depth (mm):
 From 40 to 240 (depending on transducers)

• Imaging Processing:

Pre-processing:
 Dynamic range
 Edge enhancement
 Frame correlation
 Line correlation
 Smooth
 8-segment TGC adjustment
 IP (Image Process)
 Post-processing:
 Gray map
 Gamma correction
 Rejection
 Left-right reverse
 Up-down reverse

• Functions:

Cine loop: 204 frames bidirectional cine loop
 Zoom: X1.0, X2.0, X3.0, X4.0 in real-time
 Storage media: Built-in Flash, External USB-Memory stick
 Storage: 128 frames permanent image storage
 Body mark: 80 types
 Transducer auto-detection
 16-segment acoustic power output adjustment

• Measurement & Calculation:

B-mode: distance, circumference, area, volume, angle, residual urine volume
 M-mode: distance, time, velocity, heart rate (2 cycles)
 Software packages: abdomen, gynecology, obstetrics, urology, small parts, cardiology

Multi-frequency transducers



• Display:

Date, Time, Probe Name, Probe Frequency, Frame Rate, Patient Name, Patient ID, Hospital Name, Measurement Values, Body Marks, Annotation, Probe Position, Full-image-region Edit

• Others:

Peripheral port: Video output 1
 VGA output port 1
 USB port 2
 DICOM3.0 1 (optional)
 Power supply: 100-240V AC ± 10% 50Hz/60Hz
 Dimensions: 560mm(W) X 700mm(L) X 1220mm(H)
 Net weight: 45kg

• Standard Configurations:

NeuSonic C main unit
 14" non-interlaced monitor
 Two transducer connectors
 204 frames cine loop memory
 128 frames built-in image storage
 Two USB ports
 Measurement & calculation software packages
 Convex array transducer: C363-1 (2.5/3.5/5.0MHz)

• Options:

Linear array transducer: L743 (6/8/10MHz)
 Endorecta transducer: E743 (6/8/10MHz)
 Endocavity transducer: E613 (5/6.5/8MHz)
 Micro-convex array transducer: C321 (2.5/3.5/5.0MHz)
 Convex array transducer: C343-1 (2.5/3.5/5.0MHz)
 Video printer
 Laser printer
 Biopsy guideline function
 DICOM3.0
 Footswitch

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New member of the all digital ultrasonic diagnostic imaging system, not only endeavors to offer the most competitive price, but also focuses on excellent performance.



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