

MEDISON ULTRASOUND . . . Exceeding All Expectations.

The SONOACE X8 is a new standard for color doppler ultrasound products. This system, blending high performance and compact design, provides the user with superb value, excellent image quality and clinical efficiency. Extremely affordable, the SA-X8 will be an asset to any physician's practice or imaging center.

State-of-the-Art Design.

The SONOACE X8 incorporates a new design in an ergonomically efficient, sophisticated, and streamlined package. The SA-X8 also utilizes a high-resolution, 17" flat screen LCD monitor, mounted on an articulated arm for optimal viewing angles. The control panel rotates, enabling the user to scan more comfortably, while four independent swivel casters allow the system to move with ease.

Technologically Advanced.

The SONOACE X8 incorporates a software based system structure which provides ease of upgradeability and performance. The SA-X8 ultrasound is a high resolution 2D, colorflow, PW doppler system that also offers 3D volumetric imaging, as well as 4D. With a powerful on-board image management solution, the user can call back-up image data for measurements or image post processing. The SA-X8 has comprehensive measurement packages that can be exported or printed to any standard Windows® printer.



An exceptional diagnostic value, setting tomorrow's standards today.

Main Features**High resolution 2D, 3D and 4D imaging**

- DynamicMR™ (optional)
- SRF (Speckle Reduction Filter™)
- Full Spectrum Imaging™
- Colorflow and Color Angiography
- High sensitivity Powerful Doppler performance
- Post Measurement
- Post Processing
- Pointer Function
- Quadrant Imaging
- Quick Scan™
- Comprehensive Measurement Packages
- Real-time Auto Calculation
- Real-time Cine Clip Storage
- DICOM 3.0 (optional)
- Fastest 4D Frame Rate
- Dual Live Mode
- Spatial Compound Imaging (SCI) (optional)
- Spatio-Temporal Image Correlation (STIC) (optional)
- Optimized parameters for 2D and Doppler
 - CW Doppler (optional)
 - ECG (optional)
- Optimized parameters for 3D and 4D

Optional Premium 3D/4D Technologies:

- 3DXI Sequential Imaging
- MultiSlice View™
- Oblique View™
- Volume CT™
- VOCAL™
- Shell™ Histogram
- See Thru™ Mode

Ergonomic System Design:

- High resolution LCD flat screen monitor
 - Resolution: 1280 x 1024 x 24bit
 - High brightness and contrast
- Swivel / tilt articulated monitor arm
- Rotating control panel for optimal patient interaction
- Key layout designed to maximize workflow
- Lighted alpha-numeric keyboard
- Front and rear handles
- Internal cabling to protect connections
- 4-wheel swivel casters
- 3 active transducer ports for simultaneous connection
- High quality stereo audio speaker system
- 6 USB ports (rear) for digital connection to peripherals
- 2 USB ports (front) for memory stick/ext. HD connection
- Dimensions: (HxWxD) approx. 52" x 20" x 35"

Combined Modes:

- 2D/M, 2D/PWD, 2D/C, 2D/PD
- 2D/PD/PWD, 2D/C/PWD
- Dual Live Model (2D/C, 2D/PD)

Cine > 2,150 frames and Loop Review > 6,000 lines

Frame Rate: Max. greater than 150 fps
(dependent on transducer, field of view, depth and angle)
Multibeam Beamforming Technology featuring:

- Dynamic Focus
- Dynamic Aperture
- Dynamic Apodization
- Synthetic Aperture Control

Transducers:

- Convex
 - AXC2-5EL 2-5MHz (40R/75.5°) Abdominal
 - AXC3-7EP 3-7MHz (50R/70°) Abdominal
 - AXNEV4-9ES 4-9MHz (10R/150°) Intracavitary
 - AXNER4-9ES 4-9MHz (10R/150°) Intracavitary (straight)
- Linear
 - AXL5-12EC 5-12MHz (40mm)
 - AXHL5-12ED 5-12MHz (40mm)
 - AXL5-12/50EP 5-12MHz (50mm)
- Phased Array
 - AXP2-4AH 2-4MHz (19mm)
 - AXP3-5AC 3-5MHz (15mm)
- Static CW
 - PCW-20-FGG/3B 2.0MHz Pencil Type CW
 - PCW-40-FGG/3B 4.0MHz Pencil Type CW
- Volume 3D
 - 3DC2-6ET 2-6MHz (40R/84°) Abdominal
 - 3DC4-8ET 4-8MHz (40R/84°) Abdominal
 - 3DC4-8EK 4-8MHz (40R/69°) Abdominal
 - 3DEC5-9EK 5-9MHz (10R/128°) Intracavitary

Integrated DVD-R/W (CD-RW) Drive**Display Levels of Greyscale & Color:**

- 256 Shades of grey, 8 bit
- 16,777,216 colors, 8 bit for each RGB component

The system supports DICOM 3.0 to insure easy connectivity to PACS networking, Worklist, Store, Print and Storage Structured Report.

Ultrasound Workstation:

- Main memory: DDR2 SDRAM
- Hard drive: SATA HDD (80GB) or more
- ODD: DVD Multi Recordable driver, DVD R/W
- LAN: 10BASE-T / 100BASE-T
- USB 2.0
- OS: Windows XP

Applications:

Obstetrics, Obstetrics Early, Fetal Heart, Gynecology, Urology, General, Breast, Small Parts, Renal, Vascular, Pediatric, Abdomen, Musculoskeletal, Adult Cardiology, Pediatric Cardiology, TCD, Neonatal

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