

VALUE DELIVERY ULTRASOUND SYSTEM  
**SONOACE X8**

## A New Standard for Color Doppler Ultrasound Systems.

The SONOACE X8 blends high-end ultrasound technologies and compact design, providing you with superb value through the best image quality and performance. With its high speed and efficiency, it assures you of maximum patient throughput in all diagnostic fields. The SONOACE X8's ergonomic design provides you with optimal use of space and ease of movement.

### QUICK DIAGNOSES AND QUICK OPERATION

- High resolution 17" LCD monitor
- Speckle Reduction Filter<sup>SM</sup>
- Full Spectrum Imaging<sup>SM</sup>
- Dynamic MR<sup>SM</sup> / 3D DMR<sup>SM</sup>
- XI STIC<sup>SM</sup>
- High-sensitivity Powerful Doppler
- Dual live mode
- Optimized for 2D and Doppler
- Optimized for real-time 3D and 4D
- Auto IMT

### ERGONOMIC AND INNOVATIVE DESIGN

- Articulated monitor arm
- 17 inches flat LCD monitor
- Rotating control panel
- Front and rear handles
- Internal cables
- 4-wheel swivel
- Built in DVD RW / DICOM SR / 6 USB Ports / USB 2.0 / External HDD

### A SOFTWARE-BASED SYSTEM STRUCTURE

- Post Measurement
  - Post Processing
  - Pointer Function
  - Quadrant Image
  - QuickScan<sup>SM</sup>
  - Dual Live Mode
- APPLICATION**
- Abdominal, Renal, Ob/Gyn, Cardiology, Urology, Vascular, Intraoperative Vascular, Pediatric, Musculoskeletal, Neonatal Head, Neonatal Abdomen, TCD, Small Parts, Breast, Prostate



EXTREME POWER IN A COMPACT DESIGN  
**SONOACE X6**

## Extreme Power in a Compact Design

MEDISON's SONOACE X6 is an impressive new compact ultrasound system providing maximum value and quality across a wide range of applications. The slender ergonomic design is built upon innovative digital beam forming process in combination with a variety of advanced imaging functions to meet the acceptance of the most sophisticated of ultrasound users.

### POWERFUL IMAGING

- FS<sup>SM</sup> (Full Spectrum Imaging)
- SR<sup>SM</sup> (Speckle Reduction Filter)
- Harmonic Imaging / Pulse Inversion Harmonic Imaging
- Trapezoidal Imaging
- QuickScan<sup>SM</sup>: Auto Image Optimization

### COMPACT DESIGN

- Shortcut and functional key groupings
- Standby mode for rapid boot-up
- Thumbnail menu
- DICOM 3.0 compatible image filing
- QuickScan<sup>SM</sup>
- Cine Save
- Compact design for high maneuverability
- 4 wheel swivel
- Tilt & swivel 15 inch LCD monitor
- 3 probe ports
- Front and rear handle

### APPLICATION

- Abdominal, Renal, Ob/Gyn, Cardiology, Urology, Vascular, Intraoperative Vascular, Pediatric, Musculoskeletal, Neonatal Head, Neonatal Abdomen, TCD, Small Parts, Breast, Prostate



THE VALUE 3D ULTRASOUND SYSTEM  
**SA8000<sup>Live</sup>**

## Remarkably affordable yet best image quality in its class, period

The SA8000<sup>Live</sup> is the true 3D ultrasound system designed to bring the power of Live 3D in your hands. The SA8000<sup>Live</sup> offers superior image quality thanks to our new C-Square Technology and newly applied PSAD Beamformer. Our recent release of the SA8000<sup>Live</sup> 3D XI edition's harmonic combination will elevate your diagnostic confidence.

### SUPERIOR CAPABILITY

- 256 Frame Cine Memory
- Color / Power / PW Doppler
- 3D Multi-Planner Display
- Live3D<sup>SM</sup>
- Multi Slice View

- Oblique View
- VolumeCT View
- 128 Frame 3D Cine Memory
- VOCAL<sup>SM</sup>
- SHELL<sup>SM</sup> Imaging
- Trapezoidal Imaging
- 80 G Bytes HDD
- MOD, CD RW, USB Memory
- SeeThru<sup>SM</sup>
- Harmonic Imaging
- PSAD Beamformer
- C-Square Imaging

- Pulse Inversion Harmonic Imaging
- FINE<sup>SM</sup> Filtering
- CAFE<sup>SM</sup> Plus / OSIO<sup>SM</sup>
- SonoView<sup>SM</sup> II / Pro
- DICOM 3.0, ECG

### APPLICATION

- Abdominal, Renal, Ob/Gyn, Urology, Vascular, Pediatric, Musculoskeletal, Neonatal, Small Parts, Breast



THE VALUE 3D ULTRASOUND SYSTEM  
**SA8000<sup>EX</sup>**

## It's the dawn of a new evolution in affordable digital color ultrasound

The SA8000<sup>EX</sup> is in a word, masterpiece. Combining evolutionary C-Square technology and PSAD Beamformer in addition to our next-generation digital beamforming technology, the SA8000<sup>EX</sup> creates images with astounding detail and spatial resolution that adds new level of clarity to your diagnostic experience.

### SUPERIOR CAPABILITY

- 256 Frame Cine Memory
- Contrast Agent (Low MI)
- Color / Power / PW Doppler
- Steered / Static CW Doppler
- Tissue Doppler Imaging

- Cardiac Measurement Package
- Trapezoidal Imaging
- 80 G Bytes HDD
- Compact & Light System
- Ergonomic Designed
- Control Panel
- MOD, CD RW, USB Memory
- Harmonic Imaging
- PSAD Beamformer
- C-Square Imaging
- Pulse Inversion Harmonic

- Imaging
- FINE<sup>SM</sup> Filtering
- CAFE<sup>SM</sup> Plus / OSIO<sup>SM</sup>
- SonoView<sup>SM</sup> II / Pro
- DICOM 3.0, ECG

### APPLICATION

- Abdominal, Renal, Ob/Gyn, Cardiology, Urology, Vascular, Pediatric, Neonatal, TCD, Small Parts, Breast



THE VALUE 3D ULTRASOUND SYSTEM  
**SA8000 SE**

## Special Edition of the SONOACE. The new benchmark for all application.

The SA8000 Special Edition is designed to deliver exceptional imaging performance across the entire range of diagnostic applications. With enhanced support of continuous wave Doppler imaging, the SA8000 SE extends its clinical capabilities to private practices and clinics of all size without compromise.

### SUPERIOR CAPABILITY

- 256 Frame Cine Memory
- Color / Power / PW Doppler
- Integrated 3D Imaging Package
- Trapezoidal Imaging
- Ergonomic Designed Control Panel
- Freehand 3D<sup>SM</sup> Imaging
- 80 G Bytes HDD
- CD RW, Flash Memory
- CINE Save & Play

- Synthetic Aperture Multi-Beam processing
- Wide Band Dynamic Range
- Harmonic Imaging
- Pulse Inversion Harmonic Imaging

- FINE<sup>SM</sup> Filtering
- CAFE<sup>SM</sup> Plus
- SonoView<sup>SM</sup> Lite
- DICOM 3.0
- ECG

### APPLICATION

- Abdominal, Renal, Ob/Gyn, Urology, Vascular, Musculoskeletal, Small Parts, Breast, Cardiology, TCD, Renal, Pediatric, Neonatal



THE SUMMIT OF EVOLUTION  
**SONOACE X4**

## The summit of evolution - Premium Doppler Ultrasound

Premium class ultrasound performance is no longer just for color systems, introducing the newest entry into the premium class, the SONOACE X4 - full featured, premium class black & white ultrasound system from MEDISON. The most complete and feature packed black & white ultrasound system we've ever created to meet the ever increasing diagnostic needs of healthcare professionals.

### OPIMUM SYSTEM CAPABILITY

- Linux PC platform
- Multibeam Beamformers
- Synthetic Aperture Control
- Full Spectrum Image (FSI)
- QuickScan<sup>SM</sup>
- Tissue Harmonic Imaging
- Extreme High Dynamic Range (150dB)
- Motion mode (M-mode)
- Pulsed Wave (PW) spectral Doppler
- HPRF (High Pulsed Repetition Frequency)
- Post Gain Control
- Combined modes: 2D/M, 2D/PW

- Cine for 512 frames and Loop Review for 4096 lines
- Trapezoidal Imaging
- Read/ Write zoom
- ECG
- 80GB Hard Disk Drive
- Integrated 3D imaging Package
- Freehand 3D
- SonoView Lite
- Integrated CD R/W drive
- USB 4 port
- DICOM 3.0

### APPLICATION

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



THE VALUE CHOICE IN PORTABLE COLOR  
**SONOACE PICO**

## Imagine the possibilities! The Value Choice in Portable Color

The color SONOACE PICO delivers all the performance and versatility you would expect from a true multi-specialty ultrasound system but in a package you can pick up and go. Featuring color and power Dopplers, harmonic and 3D imaging capabilities, the uncompromising performance in any imaging application. And with all-digital beamforming providing maximum image resolution and unrivaled functionality, you can count on the PICO to deliver results that enable the ultimate diagnostic accuracy.

### FULL-FEATURED DIGITAL IMAGING

- All-Digital Beamforming
- 256 Frame Cine Memory
- 30G Bytes HDD
- Harmonic Imaging
- Synthetic Aperture Control
- Cardiac Measurement Software
- Color / Power / PW Doppler
- Freehand 3D<sup>SM</sup> Imaging
- Integrated 3D Imaging Package
- Triple Frequency
- Trapezoidal Imaging

- Motion Mode (M-Mode)
- Tilting TFT LCD Monitor
- MOD (Magnetic Optical Driver)
- CD-RW
- Briefcase-Size Package
- SonoView<sup>SM</sup> Lite
- USB port
- DICOM 3.0

### APPLICATION

- Abdominal, Renal, Ob/Gyn, Cardiology, Urology, Vascular, Pediatric, Neonatal, Small Parts, Veterinary, Breast



## The World of MEDISON

Bringing ultrasound solutions to healthcare professionals around the globe

KOREA Headquarters  
MEDISON Co., Ltd.

THE NETHERLANDS  
MEDISON Europe BV

FRANCE  
MEDISON France SAS

GERMANY  
SONOACE Deutschland GmbH

RUSSIA  
MEDIACE

INDIA  
MEDISON Medical Systems India Private Limited

CHINA  
Shanghai MEDISON Medical Instruments  
MEDISON (Shanghai)Co., Ltd.

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**MEDISON**

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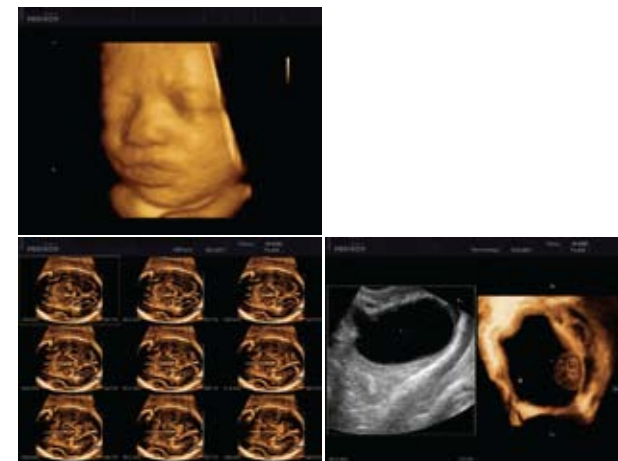




THE SUPREME 3D/4D ULTRASOUND  
**ACCUVIX V20**

## A Great Step Forward in 3D/4D Ultrasound

The new ACCUVIX V20 offers unprecedented 3D/4D performance through a simplified intuitive interface to insure efficient diagnostic interaction. The intuitive nature of the ACCUVIX V20 continues with the introduction of the "3D Orientation Cube" designed to assist both the novice as well as experienced 3D user providing confident orientation within the volume data set. The user environment of the ACCUVIX V20 provides a variety of advanced interactive technologies including 3D XI™, XI VOCAL™, OVIX™ (Oblique View eXtended) resulting in more efficient use of time and greater diagnostic confidence. ACCUVIX V20 intuitive design delivers peak 3D/4D performance.



### REVOLUTIONARY 3D/4D PERFORMANCE

- More robust 3D XI™
- XI VOCAL™, OVIX™ (Oblique View Extended)
- Orientation Cube™
- Color STIC™
- VCE™ (Volume Contrast Enhancement)
- 3D DMR™ (3D DynamicMR)
- Inversion 3D
- Volume Cine

### EXTREME 2D IMAGE QUALITY

- FSI™ (Full Spectrum Imaging)
- SCI™ (Spatial Compound Imaging)
- SRF™ (Speckle Reduction Filter)
- DynamicMR™

### SIMPLE AND OPTIMIZED WORKFLOW

- 17 inch LCD monitor
- 10.4 inch touch screen panel
- Full Custom Measurement
- QuickScan™
- Software-Based Technology
- SonoView Pro
- Integrated DVD-RW
- DICOM SR

### APPLICATION

- Abdominal, Renal, Ob/Gyn, Cardiology, Urology, Vascular, Intraoperative Vascular, Pediatric, Musculoskeletal, Neonatal Head, Neonatal Abdomen, TCD, Small Parts, Breast, Prostate

ACCUVIX V10

YOUR CLEAREST VIEW WITHIN  
**ACCUVIX V10**

## Experience the New Generation of ACCUVIX

Meet the ACCUVIX V10, combining futuristic state-of-the-art technology and outstanding user-interface design. The new ACCUVIX V10 contains cutting-edge 2D, 3D and 4D image technologies: DynamicMR™ Plus, SRF (Speckle Reduction Filter)™, 3D XI™, and VOCAL™. The innovative system platform ensures optimal patient throughput. A 17-inch flat-panel display, set on an articulating arm, delivers superb operator convenience and high-resolution images.



### TOP-OF-THE-LINE TECHNOLOGIES

- DynamicMR™ Plus
- Speckle Reduction Filter™
- Full Spectrum Imaging™
- Spatial Compound Imaging™
- Power Pulse Inversion™
- High Sensitivity Powerful Doppler
- More Optimized Multi Planar
- 3D eXtended Imaging™ (3D XI™)
- XI STIC™
- Live 3D & 4D
- VCE™

### PERFECTED ARCHITECTURE FOR CRYSTAL CLARITY

- High resolution (1280x1024) 17-inch flat-panel display
- 129,024 system channels
- Parametric Matching Technology™
- PMT optimizes system by matching characteristics of each probe automatically. The improved SNR (Signal Noise Ratio) enables to display extreme images.
- 19-inch low reflection flat-panel display (Optional)

### PILOTING BY PALM

- QuickScan™
- Post Measurement
- Post Processing
- Pointer Function
- Quadrant Image
- SonoView II™

### FUTURISTIC DESIGN

- Articulating Monitor Arm
- Rotating Control Panel
- Well-arranged Cables
- 4-wheel Swivel
- Built-in DVD-RW / DICOM SR / 8 USB Ports / USB 2.0

### APPLICATION

- Abdominal, Renal, Ob/Gyn, Cardiology, Urology, Vascular, Intraoperative Vascular, Pediatric, Musculoskeletal, Neonatal Head, Neonatal Abdomen, TCD, Small Parts, Breast, Prostate

ACCUVIX XQ

EXTREME QUALITY IN EVERY DIMENSION  
**ACCUVIX XQ**

## The All New ACCUVIX XQ In a Class of Its Own

The original ACCUVIX XQ set the clinical standard for real-time 2D, 3D, and 4D imaging performance without compromises. Taking the baton from its predecessor, the ACCUVIX XQ once again redefines the new standard of premium ultrasound system. Surpassing in every dimension, it doesn't take much time to realize the wonders of the ACCUVIX XQ.



### EXTREME QUALITY SYSTEM PLATFORM

- Windows 2000® PC platform
- QuickScan™
- 5 Active Probe Ports
- MOD (Magnetic Optical Disk Drive), DVD R, USB Flash Memory
- 15-inch Medical CRT Monitor
- 6.4-inch Color LCD Touch Panel

### EXTREME IMAGE QUALITY AND RESOLUTION

- Full Spectrum Imaging™
- Dynamic MR™
- Spatial Compound Imaging™
- FINE™
- Color Edge Processing
- Directional PD
- Tissue Doppler Imaging
- Panoramic View 2.0
- Contrast Agent Imaging
- Real-time Auto Calculation
- Stress Echo
- HPRF
- Free Angle M Line
- Dual Live Mode

### DIAGNOSTIC PACKAGE

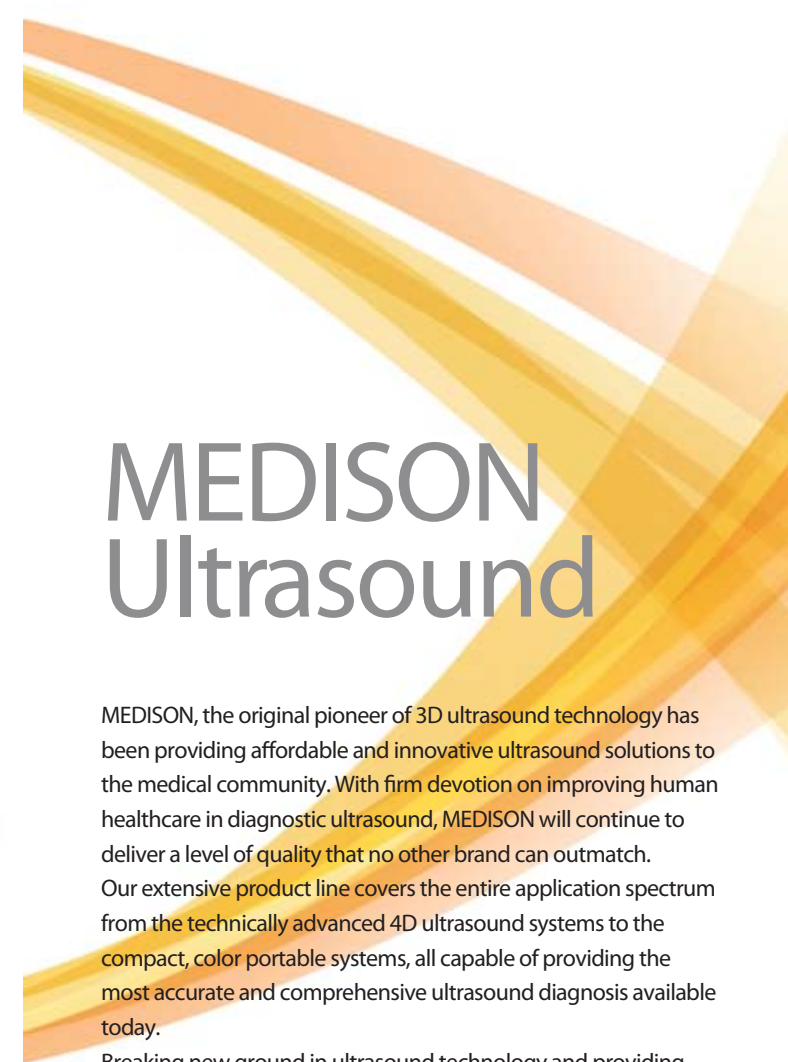
- Live 3D™ with Optimal Volume Resolution™
- See-Thru™
- 3D XI™ - Multi-Slice View, Oblique View, VolumeCT View
- Compound Sectional Imaging™
- Auto-Contour™
- XI VOCAL™
- XI STIC™
- Color STIC™
- Shell Histogram Imaging

### INTEGRATION OF CLINICAL WORKFLOW

- SonoView II
- SonoView Pro
- DICOM 3.0 / DICOM SR

### APPLICATION

- Abdominal, Renal, Ob/Gyn, Cardiology, Urology, Vascular, Intraoperative Vascular, Pediatric, Musculoskeletal, Neonatal Head, Neonatal Abdomen, TCD, Small Parts, Breast, Prostate



# MEDISON Ultrasound

MEDISON, the original pioneer of 3D ultrasound technology has been providing affordable and innovative ultrasound solutions to the medical community. With firm devotion on improving human healthcare in diagnostic ultrasound, MEDISON will continue to deliver a level of quality that no other brand can outmatch. Our extensive product line covers the entire application spectrum from the technically advanced 4D ultrasound systems to the compact, color portable systems, all capable of providing the most accurate and comprehensive ultrasound diagnosis available today.

Breaking new ground in ultrasound technology and providing valuable tools for diagnostics and image-guide procedures, MEDISON is making a difference in people's lives. Read on to learn more about MEDISON's industry leading full line-up of ultrasound systems.

MEDISON ultrasound, leading with innovation and ingenuity.