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# SONOACE X8

Cardiovascular Ultrasound System



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CT-SONOACE X8 CV-TTW-ISP-113009

# SonoAce X8 Cardiovascular!

## More accurate and speedy diagnosis



SonoAce X8 Ultrasound is customized to provide professionals in the cardiovascular sector with a simple user interface and easier reporting. Comprehensive ergonomically designed system that builds on the success of other Samsung Medison system. Saving you scanning time for maximized productivity. SonoAce X8 provides uncompromised image quality from cardiology to vascular.

**Excellence starting from the basics will enhance you the total output in the workplace.**

## SONOACE X8

- Various Capabilities to fulfill all your scanning needs
- Time Saving Features
- Fully Equipped Cardiac Application in Slim Design

### Full Cardiac Package

- 2D Strain Imaging
- StressEcho
- AutoIMT™
- Full Cardiac Measurement Package
- DICOM SR for Echocardiography and Vascular
- CV Report
- High performance phased array and linear transducers
- TDI (Tissue Doppler Imaging)
- HPRF (High PRF)
- Versatile Probes : P2-4AA, P2-4AH, P3-5AC, P3-7AC, HL5-12ED, L5-12EC, L4-7EL, CW2.0, CW4.0, MPT4-7

### Superior User Environment

- Dedicated CV control panel
- Customizable user interface
- Ultra quick transition time during operation
- Quiet operation

### Uncompromised Image Quality

- Detailed contrast resolution in B-mode
- Accurate spatial resolution in color and power doppler
- High sensitive doppler image
- DMR+™ (DynamicMR)
- FSI™ (Full Spectrum Imaging)
- HAR (Harmonic Imaging)
- INV (Pulse Inversion )
- PPI (Power Pulse Inversion )
- SRF™ (Speckle Reduction Filter)

### Ergonomic Design

- 17" LCD monitor with articulated arm
- Backlit keyboard
- More cardiovascular design
- Convenient armrest and storage
- 4 wheel swivel



# More functional tools for Echocardiography and Vascular Imaging

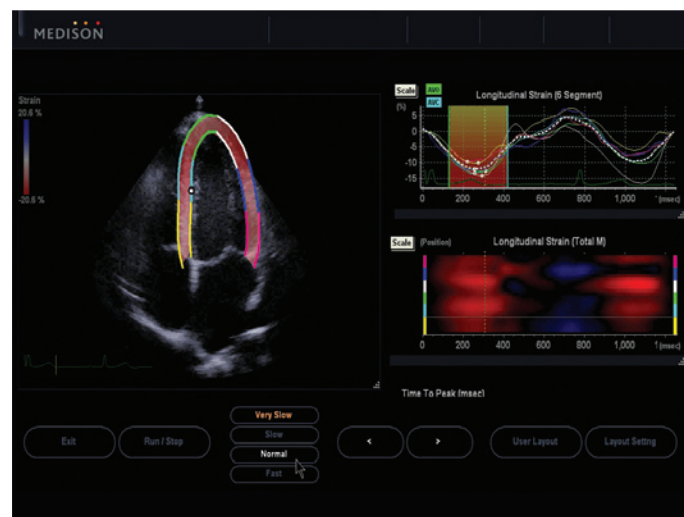
Samsung Medison knows just what you need!  
A system that is fundamentally assuring and just plain  
easy to use! Versatile operation at your fingertips with  
all the key cardiovascular features available, such as

customizable 2D strain, Stress Echo, and AutoIMT™.  
The frequently-used AutoIMT™ function has been  
enhanced by and simplified without compromising  
accuracy.

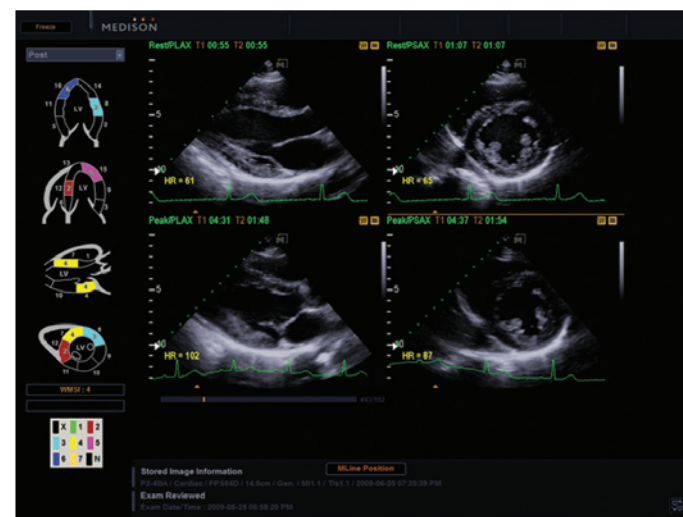
**SonoAce X8 raise your clinical Environment up to more than it can be.**



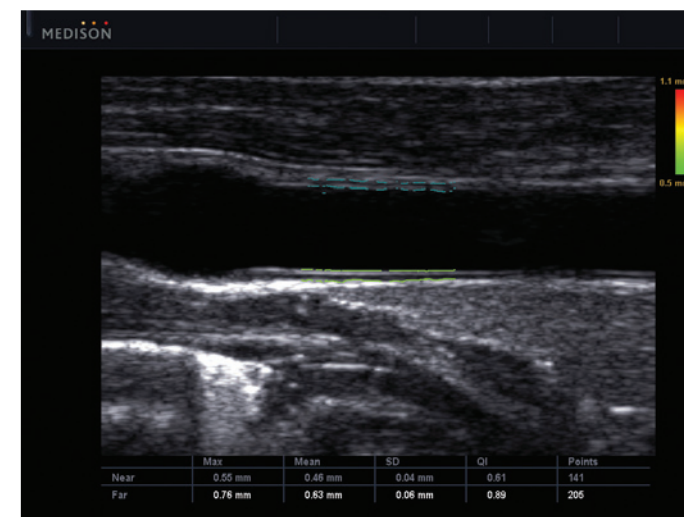
Customizable 2D strain & Stress Echo, Cardiac Measurement Package help streamline left ventricular quantification.



**2D Strain**  
Uses 2D speckle tracking technology and provides valuable information for cardiac mechanics, segmental volume, and segmental strain graphs, all which have proven their clinical usefulness. Differentiated features include configurable on-screen report sheet with variable data components.



**Stress Echo**  
Stress echo package with fully integrated and easily programmable interface to customize your needs. It includes pre-designed exercise stress echo, pharmacologic stress echo, and diastolic stress echo. These features combine to deliver streamlined workflow for wall motion scoring and reporting.



**AutoIMT™**  
Automated measurement of the Intima-Media Thickness of the carotid artery wall is a widely-used function. What distinguishes the SonoAce X8 is that it provides instant and accurate Mean, Max, Standard Deviation and



Quality Index at the touch of a single button. State-of-the-art functions also include Framingham Score, Risk Factor, Normal IMT and user graph.

# More effective cardiovascular scanning than ever before

Our excellent broadband transducers offer the best performance in any difficult examination. The product palate consists of a variety of transducers such as TEE transducer and high performance Phased Array types.



P2-4AA

## P2-4AA

- Applications : Adult cardiac, Pediatric Cardiac, Renal, Aorta and TCD
- Frequency range : 2-4 MHz
- Center Frequency : 2.6 MHz
- Field of View : 90°



P2-4AH

## P2-4AH

- Applications : Adult cardiac, Pediatric Cardiac, Renal, Aorta and TCD
- Frequency range : 2-4MHz
- Center Frequency : 3.5MHz
- Field of View : 90°



P3-5AC

## P3-5AC

- Applications : Adult cardiac, Pediatric Cardiac, Renal, Aorta and TCD
- Frequency range : 3-5MHz
- Center Frequency : 4.0MHz
- Field of View : 90°

## P3-7AC

- Applications : Adult cardiac, Pediatric Cardiac, Fetal Heart and Neonatal Brain
- Frequency range : 3-7MHz
- Center Frequency : 5.0MHz
- Field of View : 90°



P3-7AC

## HL5-12ED

- Applications : Carotid, Breat, Vascular and Pediatrics
- Frequency range : 5-12MHz
- Center Frequency : 7.5MHz
- Field of View : 38.4mm



HL5-12ED

## L5-12EC

- Applications : Carotid, Breat, Vascular and Pediatrics
- Frequency range : 5-12MHz
- Center Frequency : 7.5MHz
- Field of View : 38.4mm



L5-12EC

## L4-7EL

- Applications : Vascular, DVT, Pediatric Abdomen and Breast
- Frequency range : 4-7 MHz
- Center Frequency : 5.0 MHz
- Field of View : 38.4 mm
- Biopsy guide available



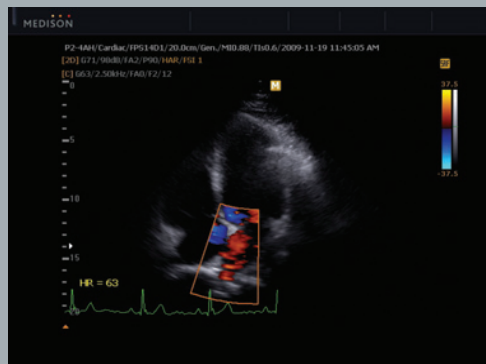
L4-7EL

## MPT4-7

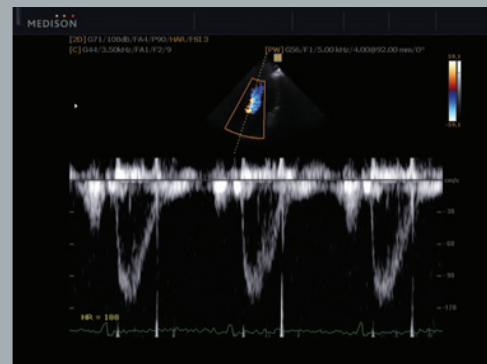
- Applications : TEE Adult cardiac
- Frequency range : 4-7 MHz
- Center Frequency : 5.0 MHz
- Deflection Angle : 180°
- Field of View : 90°



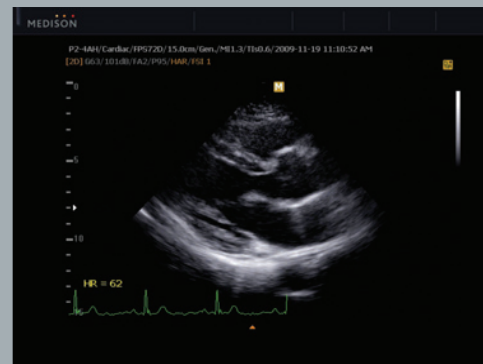
MPT4-7



Pulmonary Vein Color



LVOT



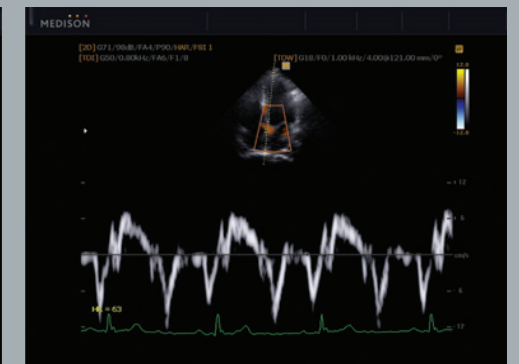
Long Axis



Short Axis



Aortic Valve



TDI