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ACCUVIX **V10**  
HCCUAIK Cardiovascular Ultrasound System



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CT-V10 CV-TTW-ISP-091112

# Outstanding

accuracy and speed

Limited time for routine protocols? Let Accuvix V10 help you maximize accuracy and speed at one fell swoop. Accuvix V10 incorporates breakthrough technology that enables you to make rapid and pin-pointed assessment of a patient's progression.

**Accuvix V10 has a better understanding of your needs to enhance total output in the workplace.**



# Supporting confidence and efficiency

More than 24 years experience in the development of digital ultrasound technology, it's no wonder Accuvix V10 gives you the best in uncompromised image quality, speed and features from cardiology through to vascular. The Newly designed backlit control panel and improved low noise operation all combine to provide a superlative scanning environment.

The Accuvix V10 incorporates reporting features that are targeted at saving precious time while sustaining the information you need. Charts and exam data can be instantly incorporated with all the measurements and images of your choice, allowing you to incorporate your own layout preferences.



**Accuvix V10 surpasses your expectations giving you confidence and efficiency in the assessment of cardiovascular exams.**

#### 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 : P2-4AC, P2-4BA, P3-5AC, P3-8CA, 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

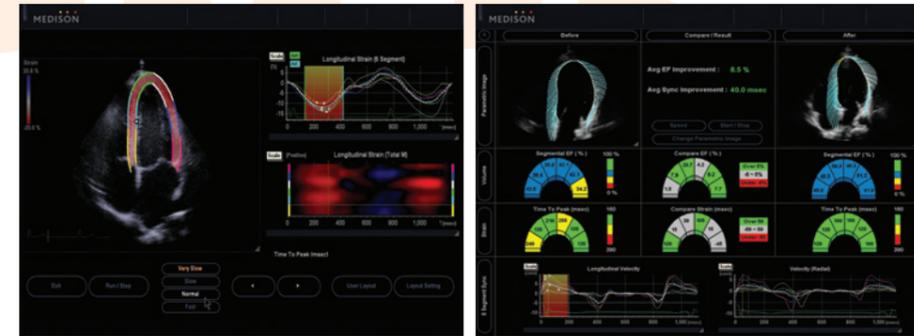
- 17" LCD monitor with articulated arm (19" Optional)
- Backlit keyboard
- More cardiovascular design
- Convenient armrest and storage
- 4 wheel swivel

# Exceeding

## capabilities and functions

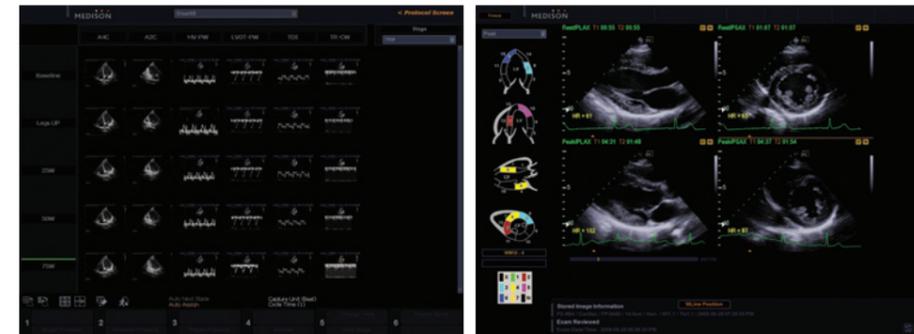
Samsung Medison knows just what you need! A system that is fundamentally assuring and just plain easy to use! Versatile operation at your fingertips with all the key cardiovascular features available, such as Customizable 2D strain, Stress Echo, and AutoIMT™. The frequently-used AutoIMT™ function has been enhanced by and simplified without compromising accuracy.

Sheer excellence from the basics upwards, enhancing confidence at every level.



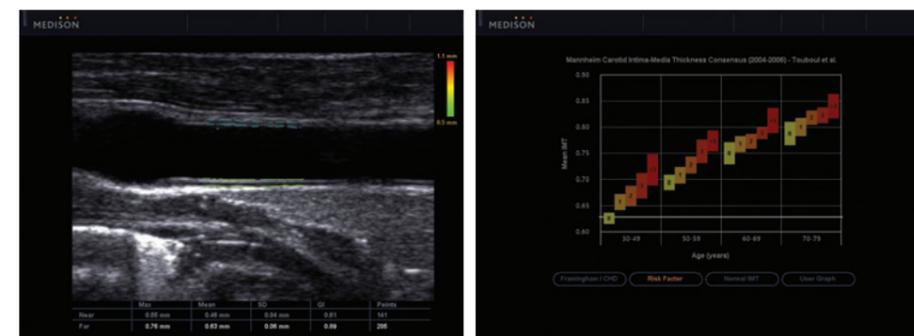
### 2D Strain

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 Accuvix V10 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.

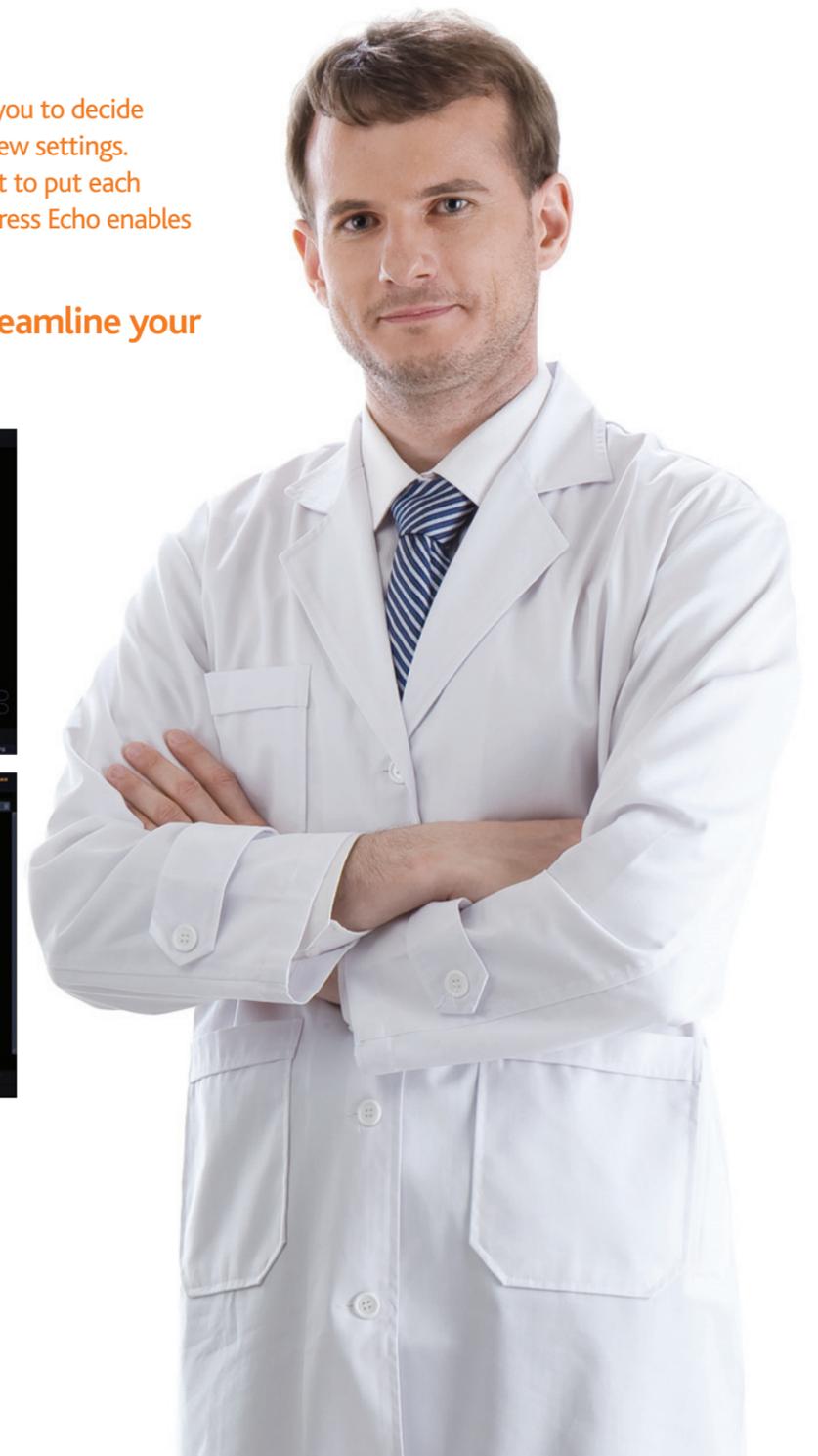
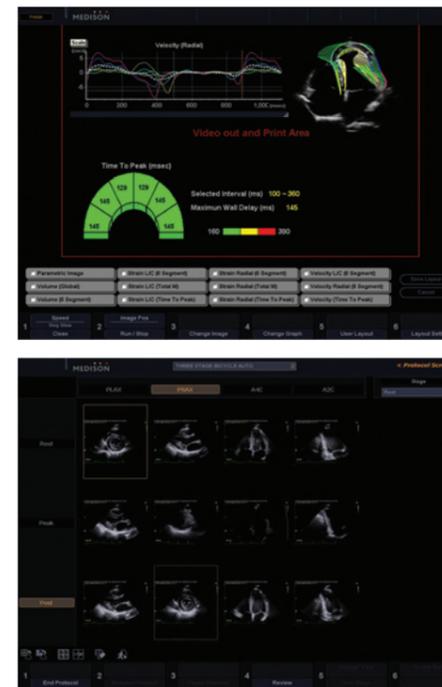
# Customizing according to meet your needs



For more accurate cardiovascular information in fewer, faster steps. Comfort Scan for a customized workspace with Diagnostic Analysis tool. A clear understanding of what you see before your eyes.

Revolutionary user interface enables you to decide what you want to see in your basic view settings. It even let you decide where you want to put each window. Customizable 2D strain & Stress Echo enables you to perform in daily practice.

**Customizability to help streamline your workflow preferences.**



# 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.

## P2-4AC

- Applications : Adult cardiac, Pediatric Cardiac, Renal, Aorta and TCD
- Frequency range : 2-4 MHz
- Center Frequency : 2.5 MHz
- Field of View : 90°

## P2-4BA

- Applications : Adult cardiac, Pediatric Cardiac, Renal, Aorta and TCD
- Frequency range : 2-4 MHz
- Center Frequency : 2.7 MHz
- Field of View : 90°

## P3-8CA

- Applications : Adult cardiac, Pediatric Cardiac, Fetal Heart and Neonatal Brain
- Frequency range : 3-8 MHz
- Center Frequency : 4.5 MHz
- Field of View : 90°

## L5-13IS

- Applications : Carotid, Breast, Vascular and Pediatrics
- Frequency range : 5-13 MHz
- Center Frequency : 9.0 MHz
- Field of View : 38.4 mm
- Biopsy guide available

## 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

## LT4-7

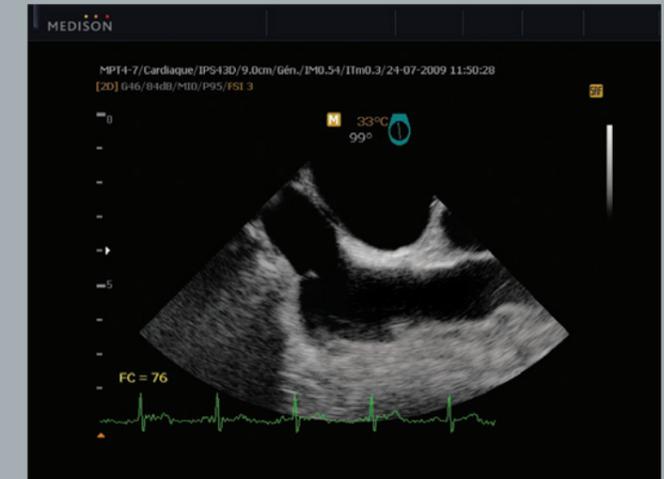
- Applications : Intra-Operative
- Frequency range : 4-7 MHz
- Center Frequency : 5.0 MHz
- Field of View : 50 mm

## MPT4-7

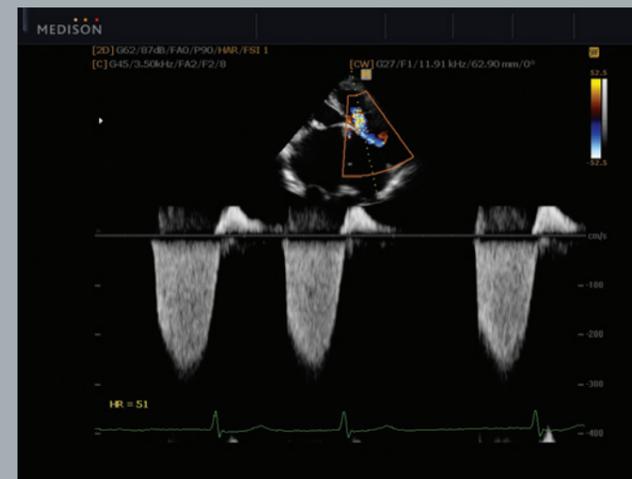
- Applications : TEE Adult cardiac
- Frequency range : 4-7 MHz
- Center Frequency : 5.0 MHz
- Deflection Angle : 180°
- Field of View : 90°



Aortic Regurgitation Severe



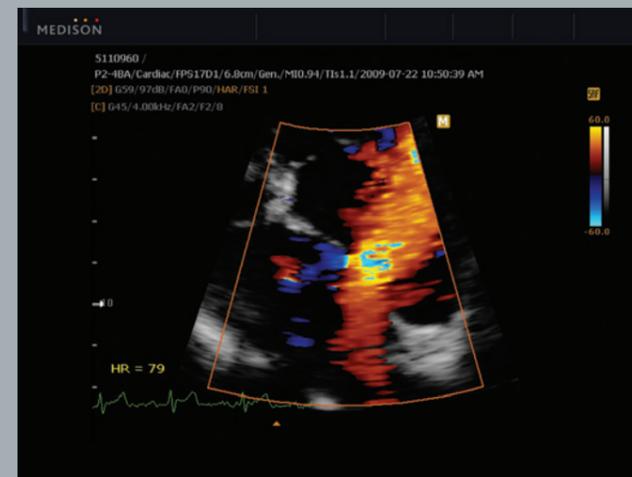
TEE Image



Aortic Valve Regurgitation



Tissue Doppler Imaging



Atrial Septal Defect



Mitral Stenosis