Samsung Medison is a global leading medical devices company. Founded in 1985, the company now sells cutting-edge medical devices including diagnostic ultrasound, digital X-ray and blood analyzer, in 110 countries around the world. The company has attracted global attention in the medical field with its R&D capabilities and advanced technologies. In 2011, Samsung Medison became an affiliate company of Samsung Electronics, integrating world's best IT, image processing, semiconductor and communication technologies into medical devices.

CT-XG-RAD-JWP-CMI-140919-EN

SAMSUNG

SAMSUNG MEDISON

Design Your Performance

ACCUVIX XG

SAMSUNG

SAMSUNG MEDISON

DESIGN YOUR PERFORMANCE

Samsung Medison wants to give you an easier way to acquire more information, with greater confidence in your daily practice. The ACCUVIX XG empowers you through advanced image quality, excellent user interface and an ergonomic design. Experiencing the ACCUVIX XG will enable you to see beyond previous imaging boundaries, and provide better patient care.

ACCURATE EASY FAST

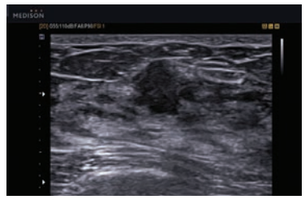
DESIGN YOUR IMAGE

ACCUVIX XG is designed to provide clearer vision and more accurate measurement, by applying Samsung Medison's latest Imaging technologies. By using these technologies, the ACCUVIX XG gives more confidence in observation by providing improved 2D/Color Doppler image quality, and enables users to acquire images that are best suited to their examination.

ACCURATE EASY FAST

SCI™

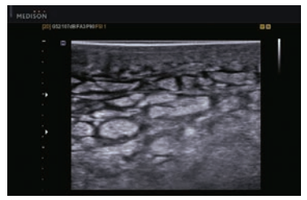
SCI(Spatial Compounding Image)™ controls ultrasound beam electronically by steering, and compounds many scan lines for better image. SCI™ provides remarkable spatial and contrast resolution with even greater artifact suppression than ever before.



Breast cancer

SRF™

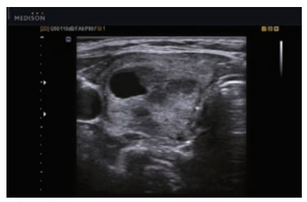
SRF(Speckle Reduction Filter)™ enhances image quality by reducing or eliminating the appearance of speckle echoes from ultrasound images. The degree of speckle reduction is user-selectable.



Skin edema

DMR +™

DMR +™ is designed to enrich grayscale resolution, as it enhances detection and contrast resolution while also decreasing speckle echoes. This is particularly useful when evaluating superficial structures, including thyroid, vessels, pelvic and abdominal anatomy.

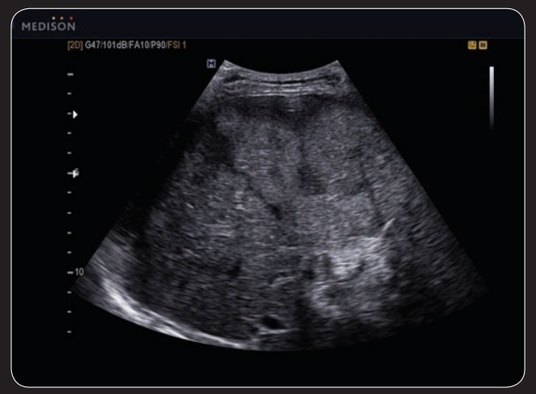


Thyroid mass

FSI™

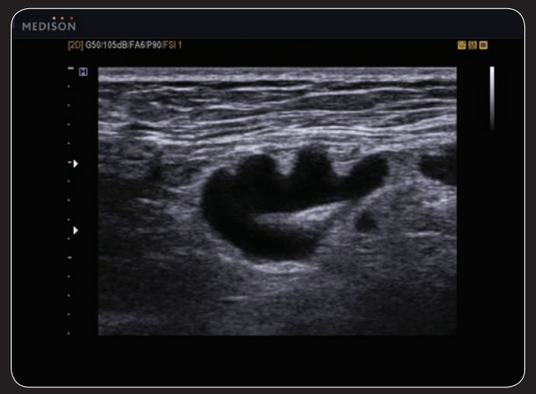
FSI(Full Spectrum Imaging)™ incorporates the penetration capabilities associated with lower frequencies, while maintains the fine resolution associated with higher frequencies. It delivers consistently high quality images even in case of challenging diagnostic cares.

Image Gallery

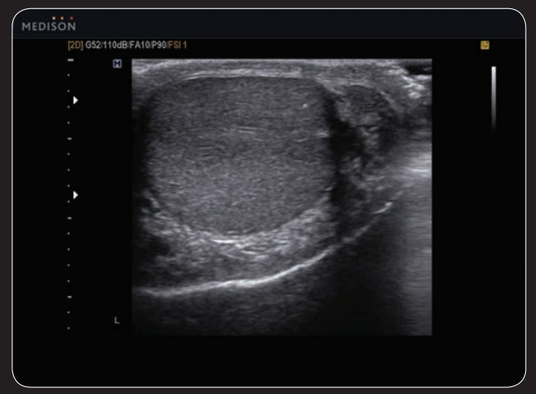


Liver multiple mass

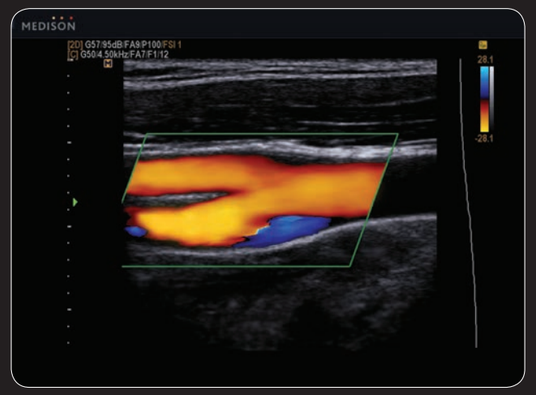
Liver hemangioma



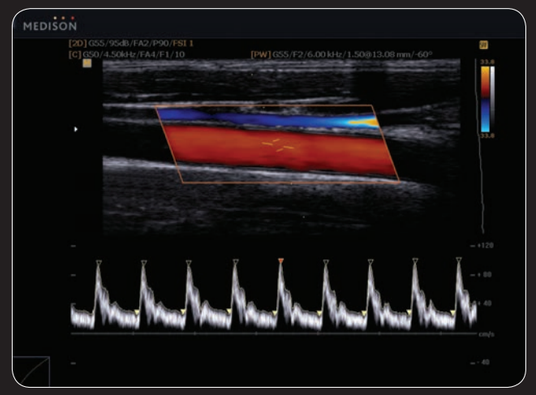
Neck side lymphadenitis



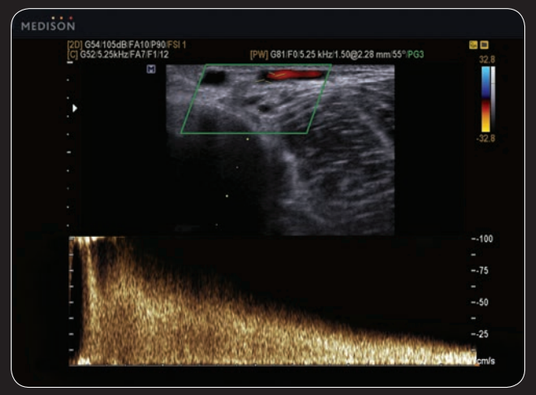
Testicle



CCA bifurcation of color Doppler

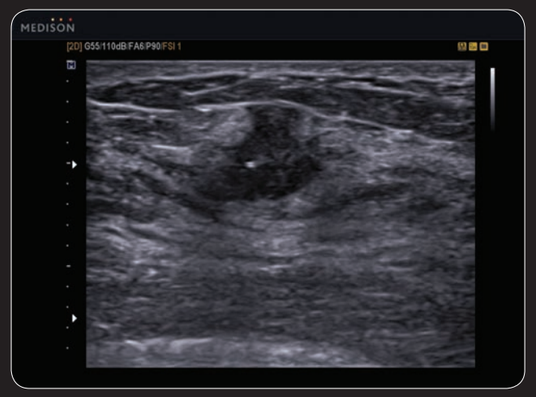


CCA Doppler

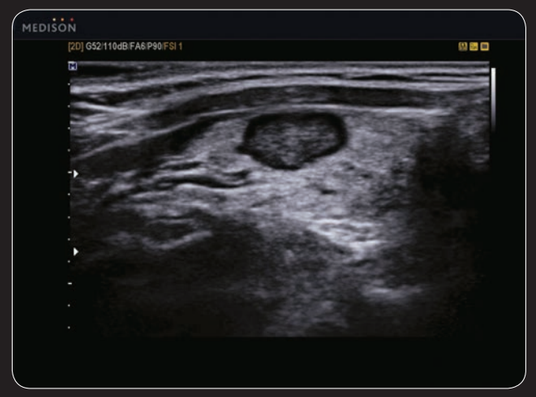


Varicose

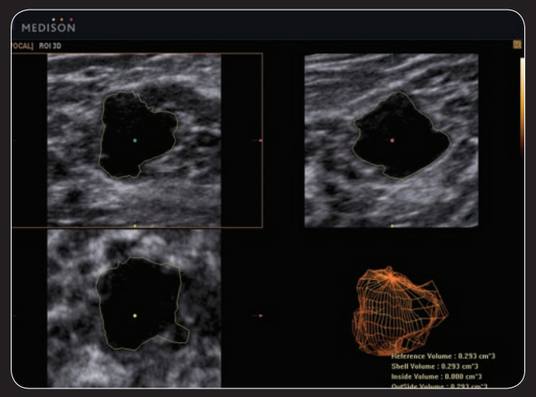
Prostate cyst



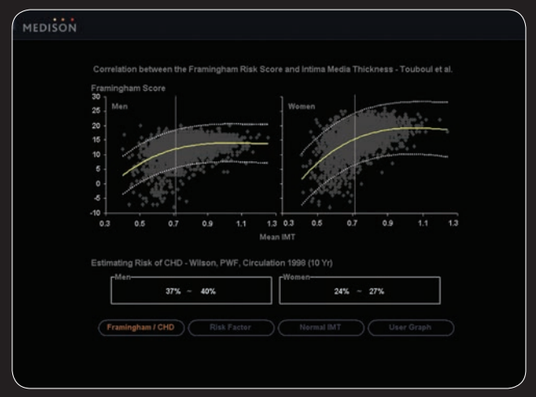
Breast cancer



Thyroid mass



Breast cyst with XI VOCAL™



Fragmingham with Auto IMT™

EASIER EXAM THAN EVER

ACCUVIX XG provides ease of use oriented features such as Volume NT & IT™ for intuitive diagnosis and 3D MXI for more precise control over 3D/4D. They give you easier controls and more convenient operations to manage the imaging process.

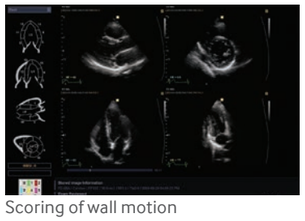
ACCURATE EASY FAST

Strain 2.0 with Bull's Eye

Quantitative assessment tool for global and segmental wall motion from three apical views and it shows peak longitudinal systolic strain in a bull's eye display.

Stress Echo

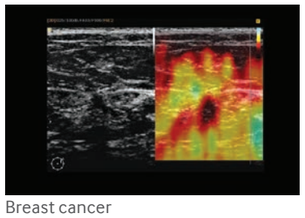
The programmable features of pharmacological Stress Echo, diastolic Stress Echo, and exercise Stress Echo give you a streamlined workflow to fit your needs. Stress Echo supports a flexible reporting format that can be individually optimized for your workplace environment.



Scoring of wall motion

ElastoScan™

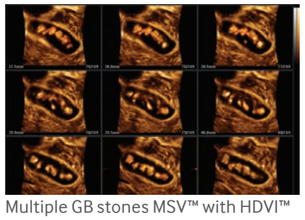
This technology allows defining the alteration of the stiffness in tissue state more accurately that it makes easier for the user to diagnose image.



Breast cancer

HDVI™

HDVI™ gives outstanding image quality with clearer contrast, excellent tissue differentiation, edge depiction and speckle reduction. It allows consistent diagnosis with great confidence.



Multiple GB stones MSV™ with HDVI™

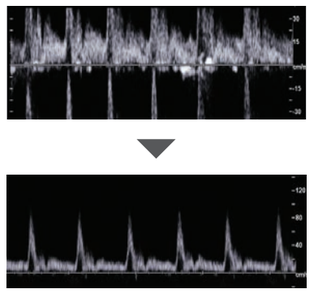
SPEEDY TECHNOLOGY FOR TIME SAVING

Experience a more convenient and efficient working environment with ACCUVIX XG's speedy technologies such as QuickScan™ and Auto IMT™ and able one-click button to take you wherever you want to go.

ACCURATE EASY FAST

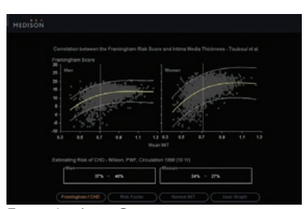
QuickScan™

QuickScan™ maximizes workflow efficiency by automatically optimizing key imaging parameters with just a push of a button.



Auto IMT™

Auto IMT™ speeds up IMT measurement of the Common Carotid Artery for early diagnosis of risk of stroke and heart attack.



Fragmingham Score

DESIGN
YOUR ENVIRONMENT

ACCUVIX XG has an intuitive, ergonomic design that takes your needs into consideration, and offers more comfortable working environment. Users are able to organize their examination environment according to their personal preferences.

Fully Adjustable system

The control panel can be adjusted to the user's preferred height, for a better working environment and reduced risk of back pain.

Wide touch-screen

ACCUVIX XG's new touch-screen makes it easy to organize and operate the simple-to-use.

19-inch HD LCD Monitor and articulating monitor arm

19-inch LCD monitor enables images to be displayed clearly even with a larger monitor, and the articulating monitor arm enables easy mobility for a more comfortable and convenient working environment.

Customizable measurement menus

Customizable measurement menus allow access to frequently-used functions, and enable a quicker and more intuitive workflow.

User keys and user knob

ACCUVIX XG offers user key and user knob that can map frequently-used functions, enabling the function to be activated quickly and easily.

Portability

ACCUVIX XG is a lightweight system with 4 swivel wheels that allow easy steering, and a locking function.

PREMIUM CLASS TRANSDUCERS

To get the most out of the system's versatility, our innovative transducer technology ensures visualizations that will give you powerful diagnostic capabilities.

Curved Array Transducers

CA2-8A

- Application : Abdomen, Obstetrics, Gynecology
- Field of View : 58°

C2-8

- Application : Abdomen, Obstetrics, Gynecology
- Field of View : 68.17°

C2-6IC

- Application : Abdomen, Obstetrics, Gynecology
- Field of View : 58.12°

C1-4EC

- Application : Abdomen, Obstetrics, Gynecology
- Field of View : 60.42°

C4-9/10ED

- Application: Abdomen, Vascular, Pediatric
- Field of View:148°

CF4-9

- Application : Vascular, Pediatric
- Field of View : 92°

Endo-Cavity Transducers

EV4-9/10ED

- Application : Obstetrics, Gynecology, Urology
- Field of View : 148°

ER4-9/10ED

- Application : Obstetrics, Gynecology, Urology
- Field of View : 148°

VR5-9

- Application : Obstetrics, Gynecology, Urology
- Field of View : 150°

Linear Array Transducers

LA3-16A

- Application : Musculoskeletal, Small Parts, Vascular
- Field of View : 40mm

L7-16IS

- Application: Musculoskeletal, Small Parts, Vascular
- Field of View: 40mm

L3-8

- Application: Small Parts, Vascular
- Field of View: 38.71mm

L5-13IS

- Application: Musculoskeletal, Small Parts, Vascular
- Field of View: 40mm

LF5-12

- Application: Musculoskeletal, Small Parts, Vascular
- Field of View: 55mm

LS5-13

- Application : Musculoskeletal, Intra-operative
- Field of View : 25mm

Phased Array Transducers

P2-4BA

- Application: Abdomen, Cardiac, TCD
- Field of View: 90°

P3-8CA

- Application: Abdomen, Cardiac
- Field of View: 90°

P4-12

- Application: Cardiac, Pediatric
- Field of View: 90°

Volume Transducers

V5-9

- Application : Obstetrics, Gynecology, Urology
- Field of View : 150°

V6-12

- Application : Musculoskeletal, Small Parts, Vascular
- Field of View : 38.4mm

3DC2-6

- Application : Abdomen, Obstetrics, Gynecology
- Field of View :69°

V4-8

- Application : Abdomen, Obstetrics, Gynecology
- Field of View : 76°

V2-6

- Application : Abdomen, Obstetrics, Gynecology
- Field of View: 87°

CW Pencil Type Transducers

CW2.0

- Application : Cardiac

CW4.0

- Application : Cardiac

TEE Transducer

MMPT3-7

- Application: Cardiac