

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 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 its IT, image processing, semiconductor and communication technologies into medical devices.

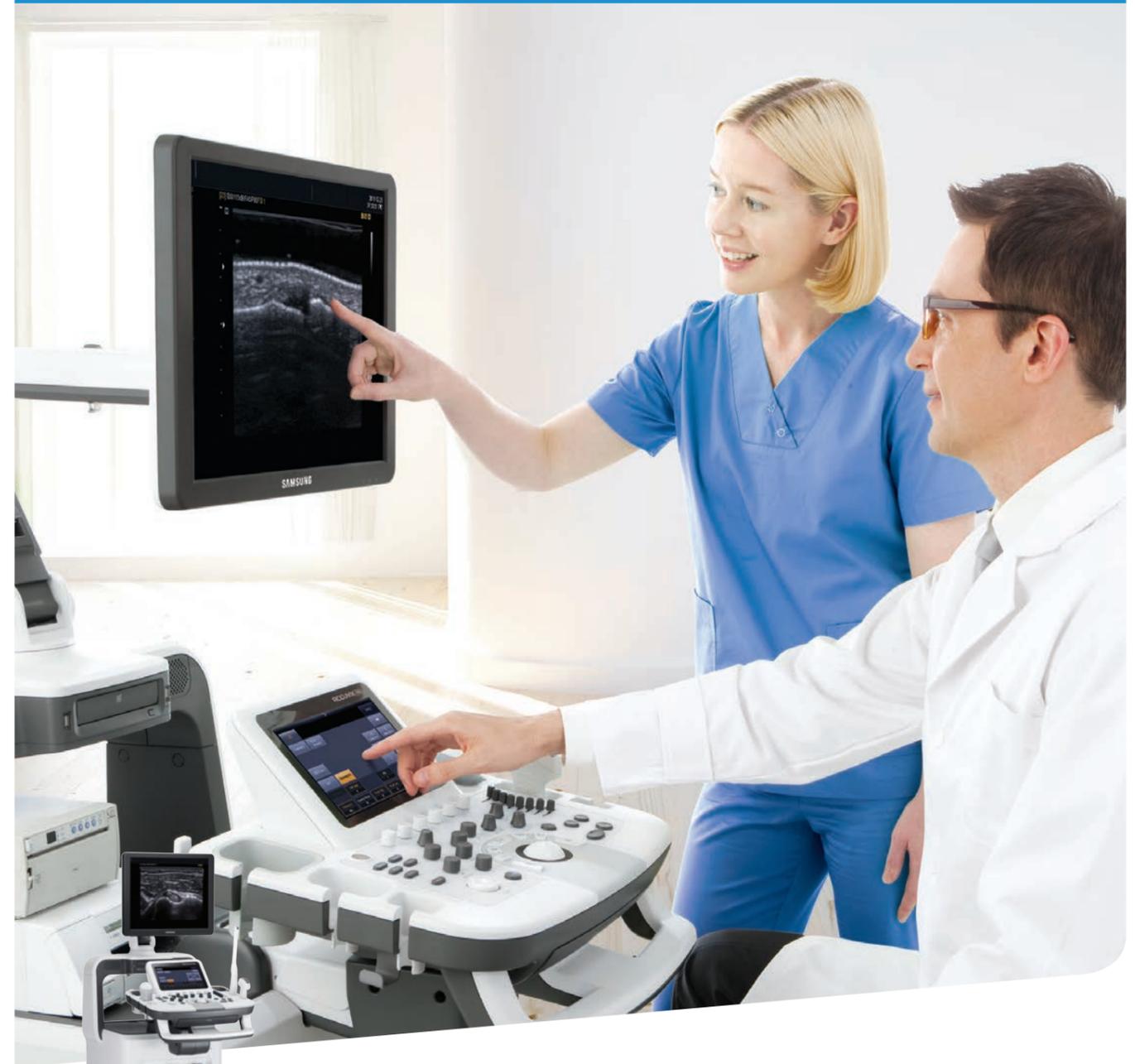
CT-XG V1.04 MSK-FTW-141105-EN



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# Samsung Ultrasound ACCUVIX XG

Desing your performance



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### SCI™

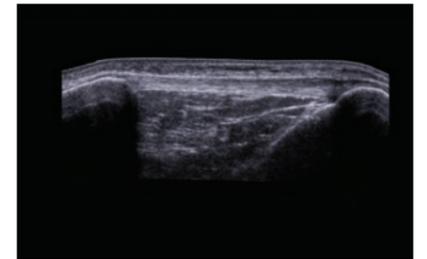
SCI(Spatial Compounding Image)™ controls ultrasound beam electronically by steering, and compounds many scan lines for better image. SCI™ provides remarkable spatial and contrast resolution with even greater artifact suppression than ever before.

## Design your image

ACCUVIX XG is designed to provide clearer vision and more accurate measurement, by applying Samsung's new 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 well-suited to their examination.

### Panoramic

Panoramic Imaging allows you to examine extended scans by displaying an extended field-of-view. It supports angular scanning with linear and curved array transducer data acquisition.



Infrapatellar tendon

### 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.



NT measurements Infrapatellar tendon

### 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 userselectable.



Biceps effusion

### 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.



Supraspinatus tendon tear

## Design your environment

The 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.



### 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.



### Wide touch-screen

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



### Portability

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



### Transducer housing

The quality of materials used in the transducer head has been strengthened. Reducing the levels of corrosion caused by antiseptic solution or gels, while increasing the applicability of medical examinations and product lifespan.



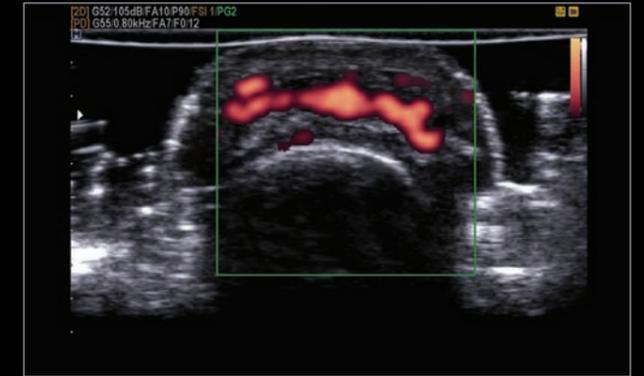
### 19-inch monitor and articulating monitor arm

Articulating monitor arm 19-inch 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.

## Image gallery



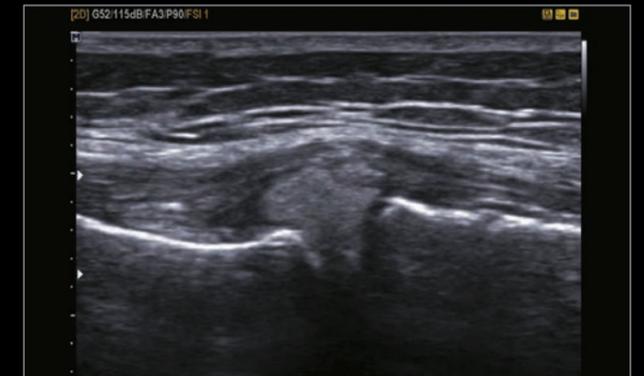
Full thickness tear of supraspinatus tendon



Arthritis of the finger joint



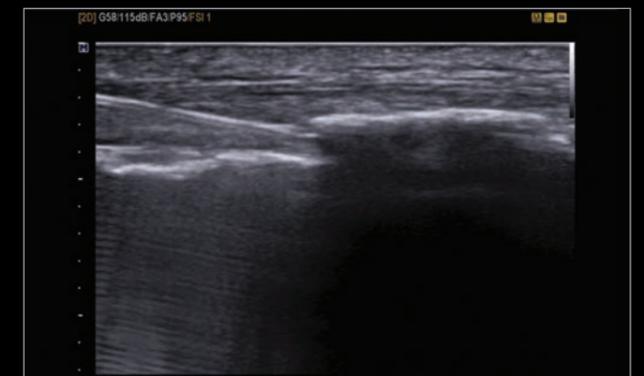
Tennis elbow



Meniscus protrusion



Baker's cyst



Caudal block