Samsung Medison, an affiliate of Samsung Electronics, is a global medical company founded in 1985. With a mission to bring health and well-being to people's lives, the company manufactures diagnostic ultrasound systems around the world across various medical fields. Samsung Medison commercialized the Live 3D technology in 2001 and since becoming part of Samsung Electronics in 2011, it is integrating IT, image processing, semiconductor and communication technologies into ultrasound devices for efficient and confidence diagnosis.

CT-H60 V2.01 GI-FTW-150812-EN

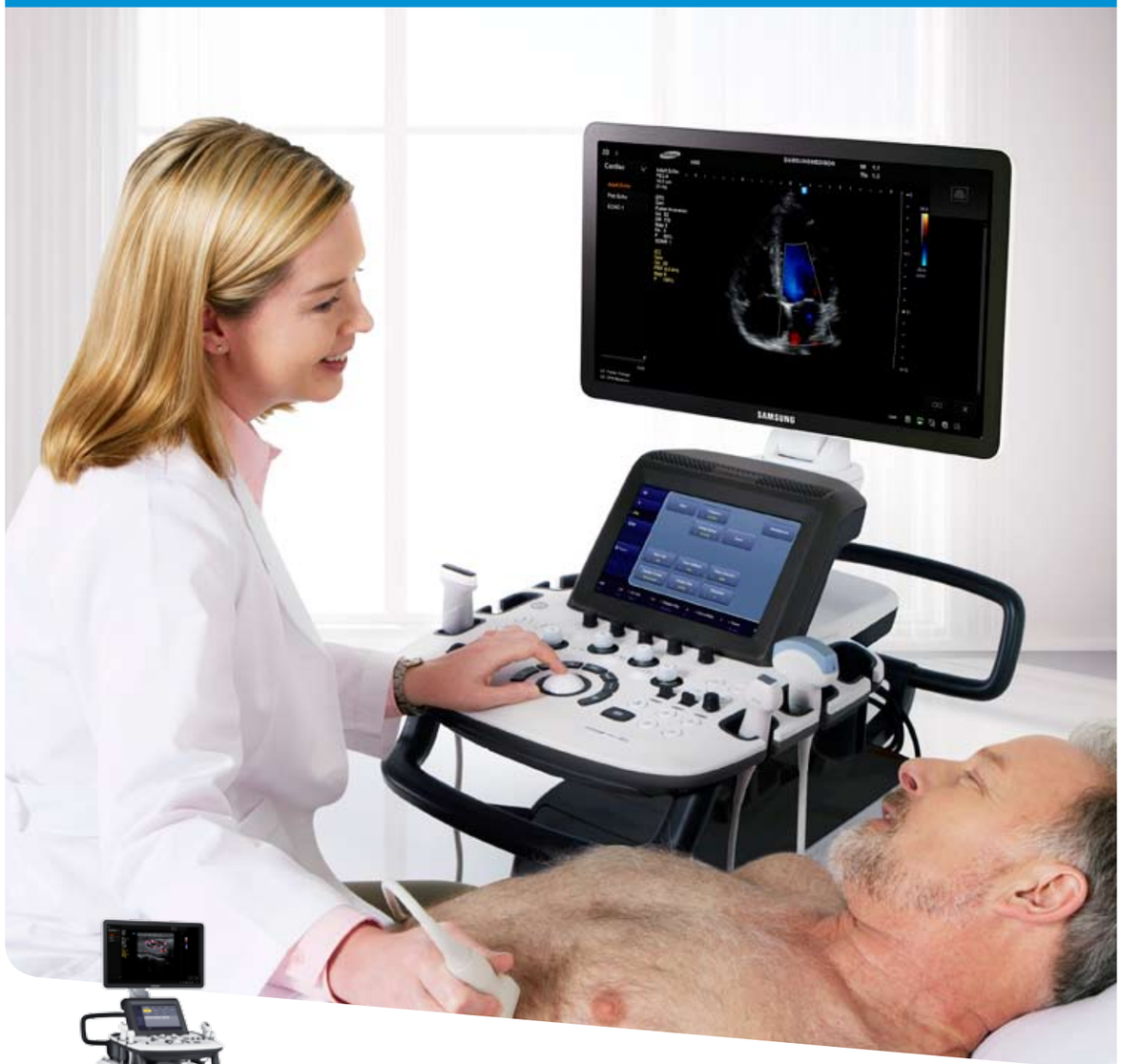
* S-Vision is not the name of a function, but is the name of Samsung's ultrasound imaging technology.
* S-Vue is not the name of a function, but is the name of Samsung's advanced transducer technology.

Scan code or visit
www.samsungmedison.com/
to learn more

SAMSUNG MEDISON CO., LTD.

Performance in style

Ultrasound system
H60



SAMSUNG

Performance in style

The new H60 represents outstanding performance along with fundamental medical equipment design principles of simplicity, lightness and versatility that make it easy to operate in compact spaces. Distinctive styles featuring 10.1-inch touch screen, 21.5-inch LED monitor and a slim body are part of Samsung's devotion to practical and usable ideas. The H60 also equips with a cutting-edge hybrid imaging engine and S-Vue transducer technology to provide high-quality images.

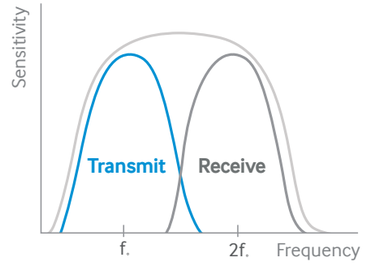
Hybrid imaging engine

With this advanced technology, data is processed more quickly and accurately through optimized processing, thereby enabling more in-depth, detailed scanning with a higher energy output.

S-Vue transducer

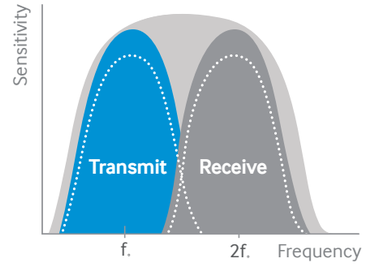
CA1-7AD

The S-Vue transducer provides broader bandwidth and higher sensitivity. This allows to deliver high image resolution even with the technically challenging patients. In addition, the ergonomically designed and lightweight transducer enables users to experience less fatigue.



Transmit/Receive at conventional transducer

S-Vue transducer



Transmit/Receive at S-Vue transducer

*Compared with the conventional Samsung transducers

Upholding the high accuracy standards

Producing the high quality image is the key to ultrasound. The H60 does just that and beyond, being an impeccable product that utilizes stylish and unparalleled performance in high-level image quality through advanced technologies.

21.5-inch wide LED monitor

The H60 integration of the 21.5-inch LED ultrasound monitor provides high quality images with wide viewing angles and an additional value of low power consumption.

ClearVision™

The noise reduction filter improves edge enhancement and creates sharper 2D images for optimal diagnostic performances. The integration of specialized Samsung technology results in a notable improvement of image quality.

ClearVision™

S-Flow™

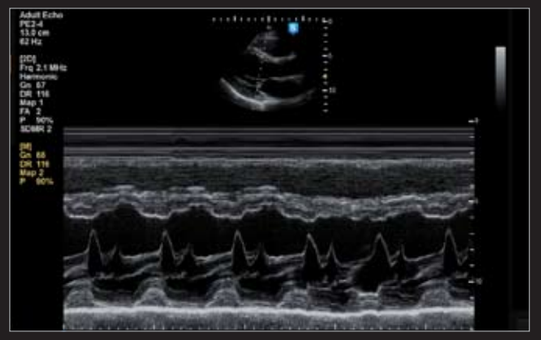
S-Flow™ helps to detect peripheral blood vessels through an advanced color flow imaging with superior sensitivity. The H60's S-Flow™ facilitates scanning even in technically difficult diagnostic situations leading to increased accuracy and resulting in an improved service for your patients.

Thyroid with S-Flow™

Achieve excellent images

Expect nothing less than sharper and higher quality images thanks to the advanced technologies powering our diagnostic systems.

General imaging & Cardiovascular



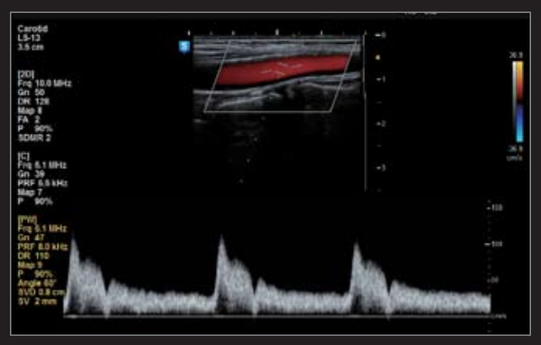
Parasternal long view in M mode

Kidney with S-flow™

Thyroid nodule with ClearVision™

TCD

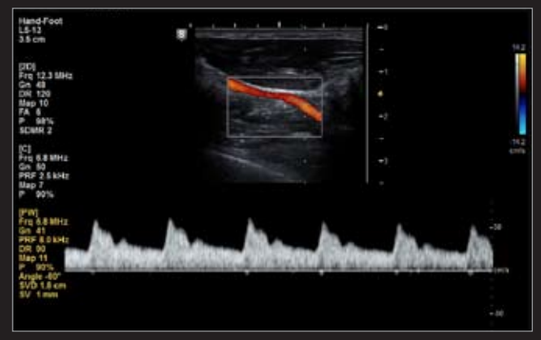
Kidney



CCA Doppler

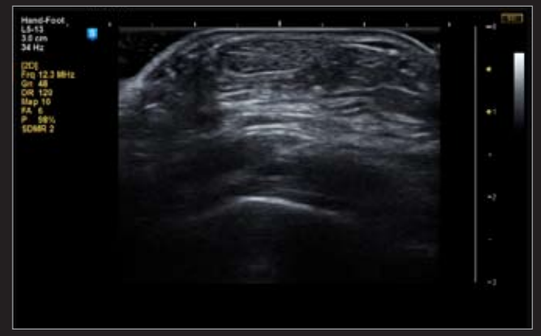
Musculoskeletal

Biceps tendon



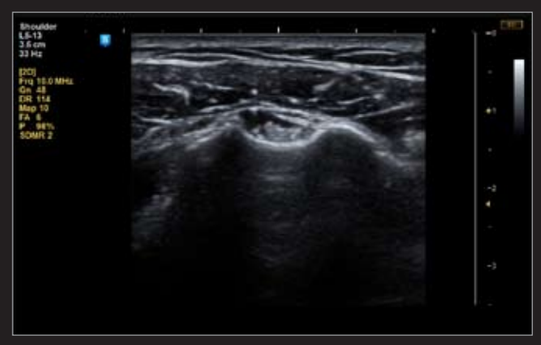
Superficial palmar arch

SSN



Achilles tendon

Subscapularis tendon



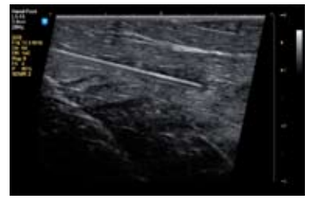
Bicipital effusin

Upholding the high accuracy standards

The H60 assures ease of use with outstanding features such as Beam Steering, Panoramic and ElastoScan™. Intuitiveness and usability are the two intelligent traits of the H60.

Beam Steering

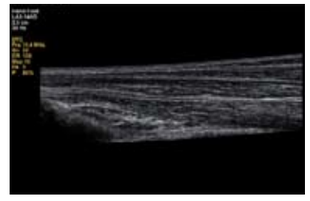
Identifying the location of needles (needle guidance & needle tips), Beam Steering provides the high level of efficiency and safety in needle placement.



Beam Steering

Panoramic

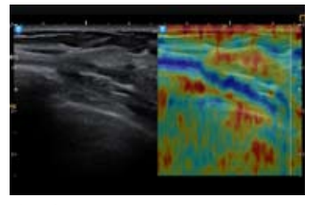
Panoramic imaging allows you to examine extended scans by displaying an extended field-of-view. It supports angular scanning with linear array transducer data acquisition.



Panoramic

ElastoScan™

A diagnostic ultrasound technique for imaging elasticity, ElastoScan™ detects the presence of a solid mass in tissues and converts the stiffness into color images. It verifies the presence of lesions reducing the burden of further cervical palpation.



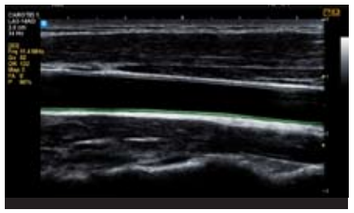
ElastoScan™

Speedy technology for time saving

Auto IMT+™, QuickScan™, Digital TGC preset and intelligent control panel provide the H60 with time saving functions that offer the fast and accurate readings possible.

Auto IMT+™

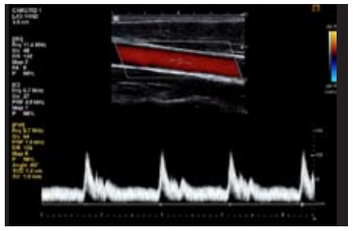
Auto IMT+™ allows automatic Intima-Media Thickness measurement of both the near and far walls of the Common Carotid Artery for analyzing patients' risks of stroke and heart diseases.
The simple operation helps to enhance exam productivity and increase patient throughput.



IMT(Intima-Media Thickness) measured with Auto IMT+™

QuickScan™

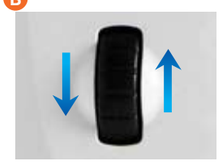
Important imaging parameters can be optimized with a touch of a button, enhancing workflow efficiency. In 2D imaging, QuickScan™ quickly optimizes contrast and brightness levels by adjusting the gain and TGC controls. In PW Spectral Doppler Mode, QuickScan™ easily optimizes the spectrum by adjusting the scale and baseline.



CCA Doppler with QuickScan™

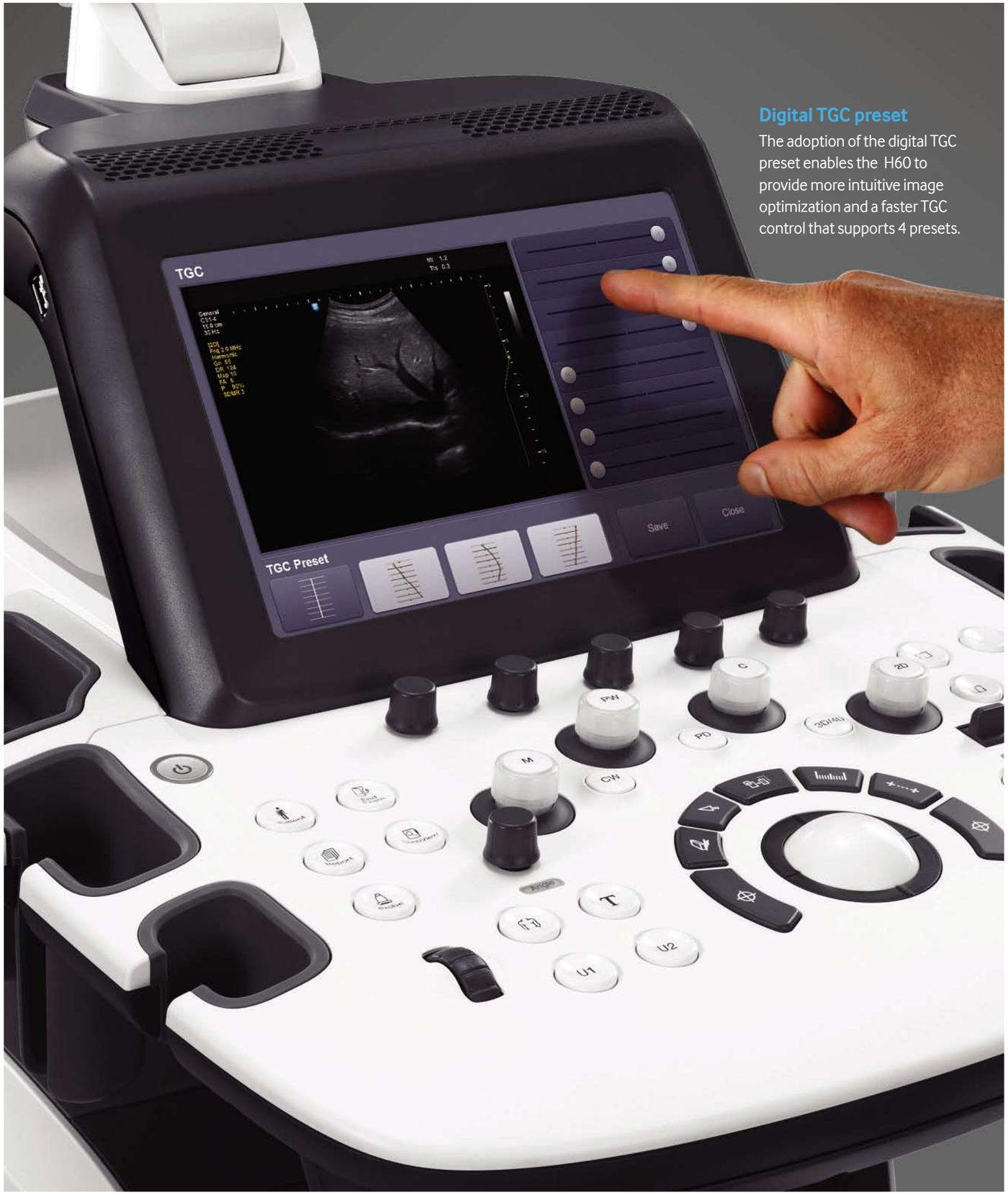
Intelligent control panel

User customizable touch menus



Scroll & click toggle button

User customizable keys



Digital TGC preset

The adoption of the digital TGC preset enables the H60 to provide more intuitive image optimization and a faster TGC control that supports 4 presets.

Ergonomic excellence

The superior features of the H60 are efficiently integrated into a sleek and compact space-saving design. The encased printer and movable base allow easy use in multiple locations. Enjoy the H60's high qualities in a user-friendly design.

Slim & lightweight

The slim and compact design allows the H60 to fit in a patient's bed for convenience.

Lift control panel

This allows articulate movement and improves user comfort.

Gel warmer

2 level adjustable warmer maintains ultrasound gel at a comfortable temperature from 30°C to 39°C.

Encased printer, basket space

Extra storage space is secured by the basket place when displace a printer.

Mobility

The high-quality wheels of the unit allow free movement and mobility.

Comprehensive selection of transducers

Samsung's comprehensive selection of transducers ensures a proper fit for patient's need.

Curved array transducers

CA1-7AD
- Application : abdomen, obstetrics, gynecology
- Field of view : 70°

CA2-8AD
- Application : abdomen, obstetrics, gynecology
- Field of view : 58°

CS1-4
- Application : abdomen, obstetrics, gynecology
- Field of view : 58°

CF4-9
- Application : pediatric, vascular
- Field of view : 92°

C2-8
- Application : abdomen, obstetrics, gynecology
- Field of view : 68.17°

Endocavity transducers

VR5-9
- Application : obstetrics, gynecology, urology
- Field of view : 150°

EVN4-9
- Application : obstetrics, gynecology, urology
- Field of view : 148°

ER4-9
- Application : obstetrics, gynecology, urology
- Field of view : 148°

Linear array transducers

LF5-13
- Application : small parts, vascular, musculoskeletal
- Field of view : 38.4mm

LA3-14AD
- Application : small parts, vascular, musculoskeletal
- Field of view : 50mm

L5-13
- Application : small parts, vascular, musculoskeletal
- Field of view : 38.4mm

Phased array transducers

PE2-4
- Application : cardiac, abdomen, TCD
- Field of view : 90°

SP3-8
- Application : cardiac, abdomen
- Field of view : 90°

Volume transducers

CV1-8AD
- Application : abdomen, obstetrics, gynecology
- Field of view : 72°

3D2-6
- Application : abdomen, obstetrics, gynecology
- Field of view : 69°

VE4-8
- Application : abdomen, obstetrics, gynecology
- Field of view : 70°

V5-9
- Application : obstetrics, gynecology, urology
- Field of view : 150°

3D4-9
- Application : obstetrics, gynecology, urology
- Field of view : 145°

CW transducers

DP2B
- Application : cardiac

CW4.0
- Application : cardiac