

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 has commercialized the Live 3D technology in 2001 and since being 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 V2.00-FTW-141203-EN

S-Vue stands for Samsung smart transducer technology which supports broader bandwidth and higher sensitivity.



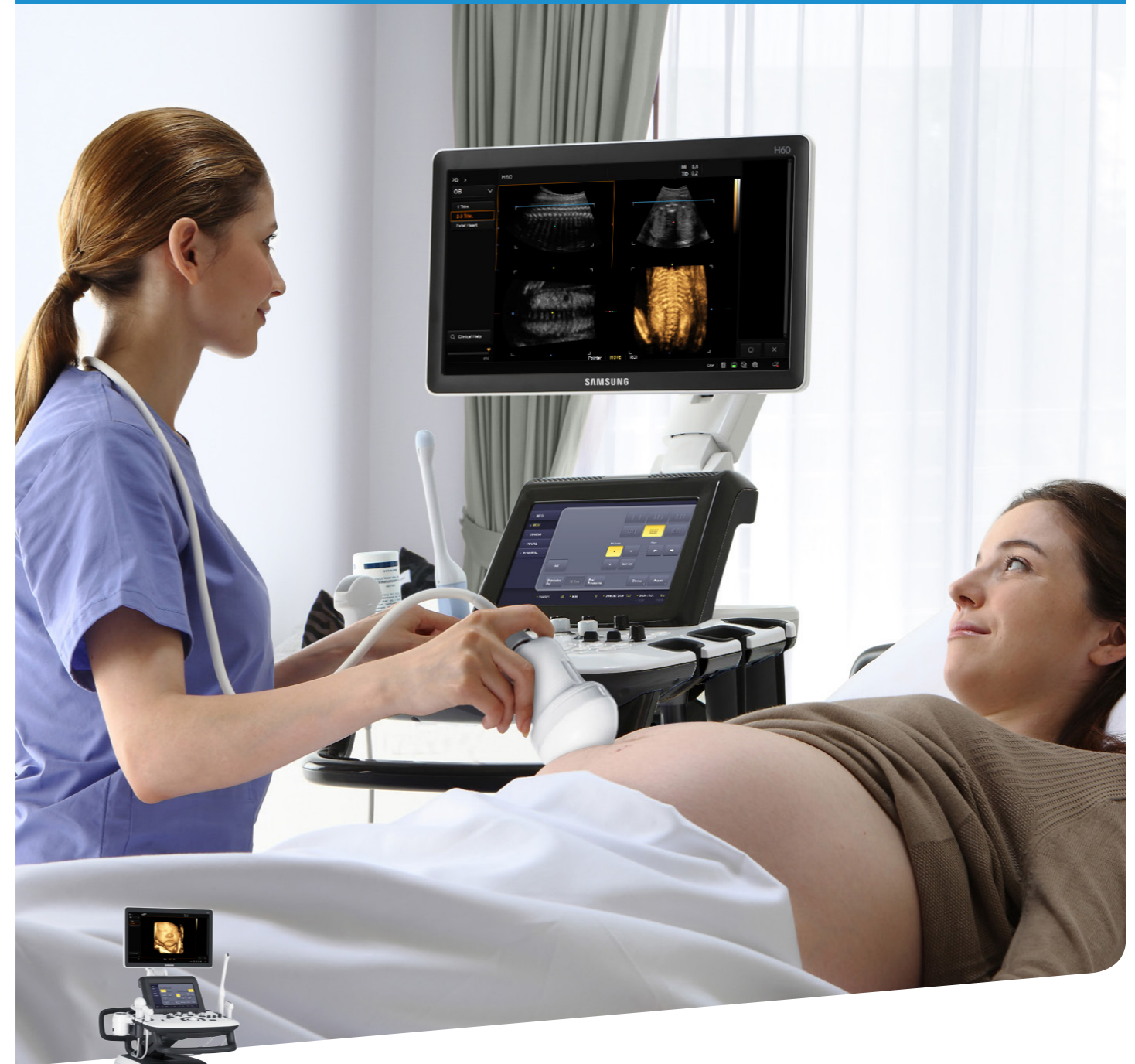
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Performance in style

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, 18.5-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-resolution 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

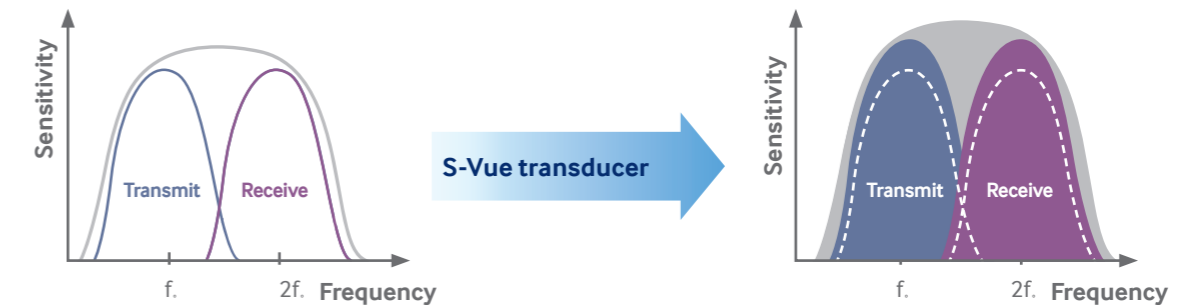


CV1-8AD



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. Especially, CV1-8AD is approximately 30% lighter than the conventional Samsung transducer.



*Compared with the conventional Samsung transducers

Upholding the high accuracy standards

Producing the high image quality 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.

18.5-inch wide LED monitor

The H60 integration of the 18.5-inch LED ultrasound monitor provides high-quality images with wide viewing angles and an additional value of low power consumption.



ClearVision™

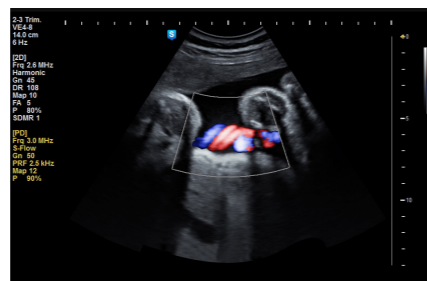
The noise reduction filter improves edge enhancement and creates sharper 2D images for optimal diagnostic performances. The integration of specialized Samsung technology results in a notable improvement of image quality.



Early fetus with 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.

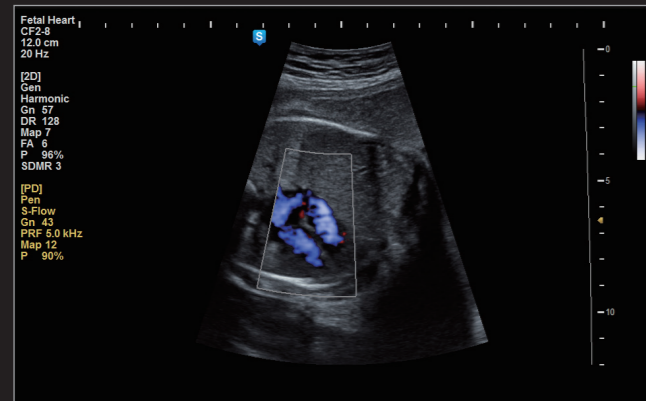


Umbilical cord with S-Flow™

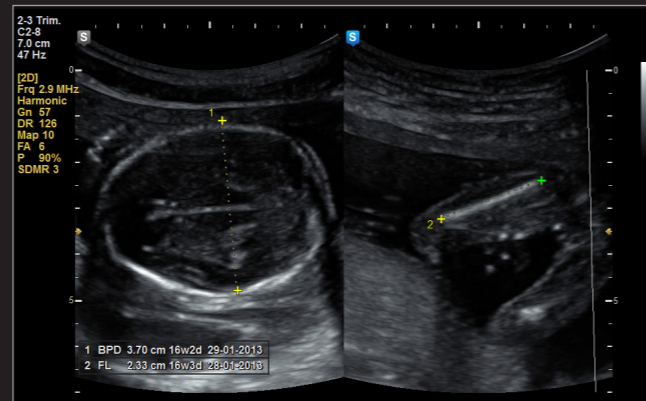


Achieve excellent images

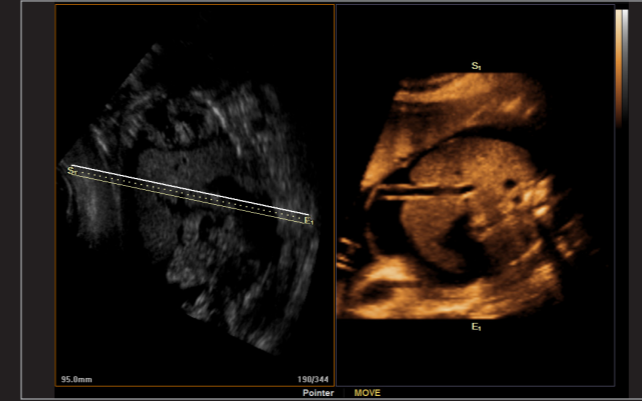
Expect nothing less than sharper and higher quality images thanks to the advanced technologies powering our diagnostic systems. Clear images and performance are the trademarks of our ultrasound machines.



Fetal heart with S-Flow™



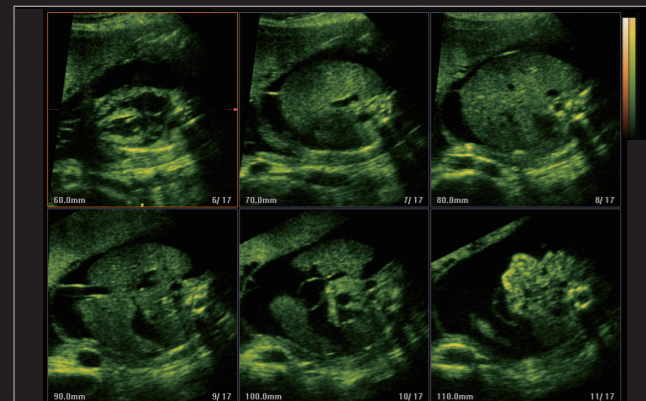
BPD and FL measurement



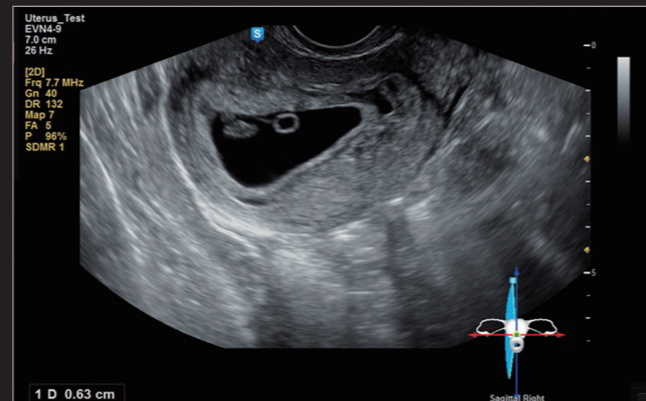
Fetal abdomen ascites in Oblique View™



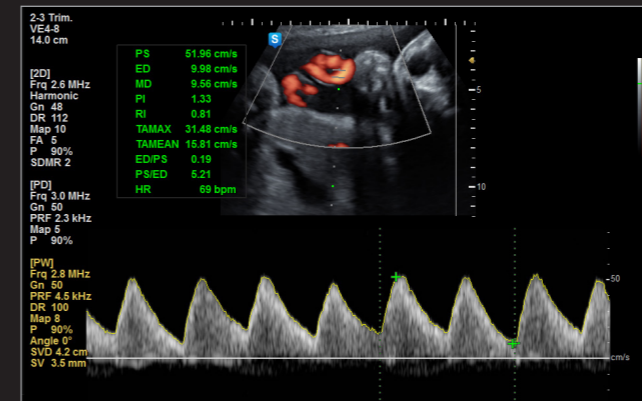
Early fetus



Fetal abdomen ascites with Multi-Slice View™



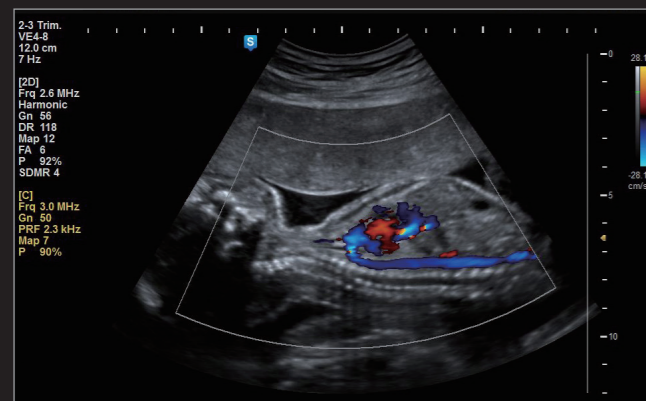
Gestational sac with e-Motion Marker™



Umbilical cord in PW



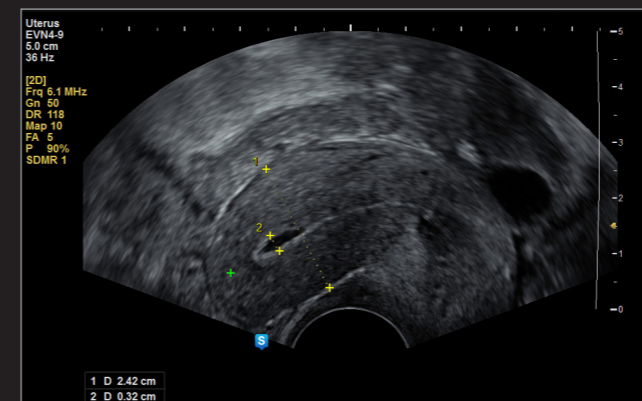
Fetal face



Fetal abdomen circulation



Fetal hand



Uterus



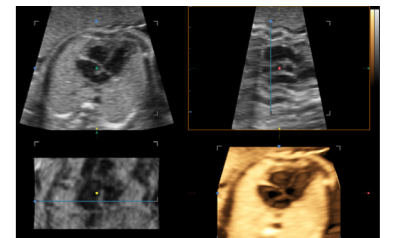
Fetal heart

Easy experience possible

The H60 assures ease of use with outstanding features such as XI STIC, Volume NT & IT™ and e-Motion Marker™. Intuitiveness and usability are the two intelligent traits of the H60.

XI STIC

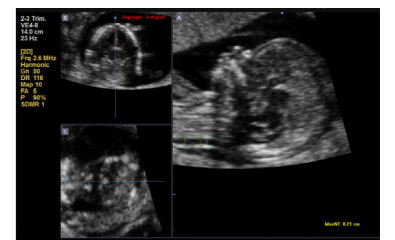
XI STIC provides 3D rendered view of the fetal heart. It allows you to promptly check fetal heart beating with realistic images.



XI STIC

Volume NT & IT™

User-friendly Volume NT & IT™ allows improved mid-sagittal views and easier measurements. Stored volume data makes reviews and reassessments simpler.



NT measurements with Volume NT & IT™

e-Motion Marker™

e-Motion Marker™ displays the direction of the transducer's beam plane on the screen and provides reference information to assist in diagnosis. The position of the uterus and ovaries can be expressed easily and intuitively.



e-Motion Marker™

* Above features may not be available in some countries.

3D XI™

Comprised of a suite of outstanding imaging applications, 3D XI™ (Multi-Slice View™, Oblique View™ and Volume CT™) offers precise control over 3D/4D volume data manipulation for improving diagnostic accuracy.

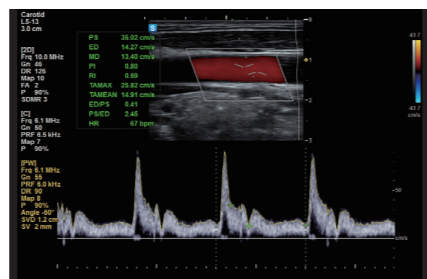


Speedy technology for time saving

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

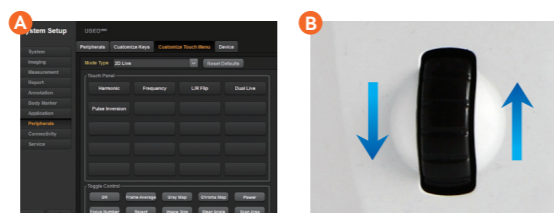
QuickScan™

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 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 built-in printer and movable base allow easy use in multiple locations. Enjoy the H60's high qualities in a user-friendly design.



Gel warmer

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



Mobility

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

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.



Encased printer, basket space

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



Comprehensive selection of transducers

Samsung's comprehensive selection of transducers ensures a proper fit for patient's every 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, TCD
 - 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 pencil type transducers



- DP2B**
 - Application : cardiac
- CW4.0**
 - Application : cardiac