

User-oriented Design

HS30 offers various user-oriented designs such as the additional storage space, and common keyboard to back up and make your clinical environment more comfortable.

Rear Tray *

HS30's rear tray provides extra storage space for the endo-cavity transducer and other items.

Gel Warmer *

Two-level adjustable gel warmer maintains ultrasound gel at a comfortable temperature.

Solid State Drive (SSD)

The HS30 uses a solid state drive with fast boot and data processing speed.

Side Pocket *

The system side pocket is ideal for storing a tablet, patient charts, or other items that you need to keep close at hand.

21.5-inch LED Monitor

21.5-inch full HD LED display, delivers excellent contrast resolution, image clarity and vibrant color.

Keyboard & Keyskin *

The soft typing designed keyboard helps quick actuation and optimizes working environment. Keyskin for the keyboard and control panel is helpful to avoid any contaminants.

Transducer Cable Hangers

Users can arrange the transducer cables neatly on the 2 hangers on either side of the system.




* Optional Extra

Secure your care

Samsung Healthcare Cybersecurity

Bringing peace of mind to your hospital and patients


To address this emerging need for cybersecurity, Samsung provides a solution to support our customers by offering the tools to protect against cyberthreats that may compromise invaluable patient data and ultimately degrade the quality of care. Samsung's Cybersecurity Solution strives to abide by the CIA triad (Confidentiality, Integrity, and Availability) and takes a comprehensive approach to providing impeccable protection with the following pillars: Intrusion prevention, Access control, and Data protection.



Intrusion prevention

Tools for protecting against cyber threats from external attacks


- Security tools include Anti-virus & Firewall
- Secured operating system



Access control

Strengthened surveillance for tracking the access of patient information

- Account management
- Enhanced audit trail




Data protection

Encryption functions for safeguarding data whether at-rest or in-transit


- Data protection
- Transmission security

Comprehensive Selection of Transducers


Curved Array Transducers



C2-5
Abdomen, obstetrics, gynecology




C2-8
Abdomen, obstetrics, gynecology




CF4-9
Abdomen, pediatric, vascular

Linear Array Transducers




LN5-12
Small parts, vascular, musculoskeletal




L5-12/50
Small parts, vascular, musculoskeletal

Volume Transducers




VN4-8
Abdomen, obstetrics, gynecology




EV2-10A
Obstetrics, gynecology, urology

Endo-cavity Transducers




EVN4-9
Obstetrics, gynecology, urology




ER4-9
Obstetrics, gynecology, urology

CW Transducer




DP2B
Cardiac

Phased Array Transducers



PN2-4
Abdomen, cardiac, vascular



SP3-8
Abdomen, pediatric, cardiac

About Samsung Medison CO., LTD.

Samsung Medison, an affiliate of Samsung Electronics, is a global medical equipment 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.

* This product, features, options and transducers are not commercially available in all countries. Due to regulatory reasons their future availability cannot be guaranteed. Please contact your local sales network for further details.

* This product is a medical device, please read the user manual carefully before use.

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Value for the Basics

Ultrasound system HS30

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CT-HS30 V1.01-IMC-200731-EN



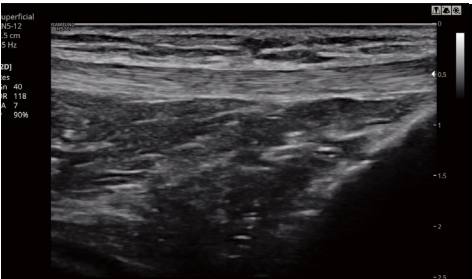
Clear Imaging with Basic yet Versatile Tools

HS30 delivers a clear view and its basic tools are equipped to provide effective care and help necessary examination with versatile features.

Clear Imaging Technologies

ClearVision

The noise reduction filter improves edge enhancement and creates sharp 2D images. ClearVision provides application-specific optimization and temporal resolution in live scan mode.



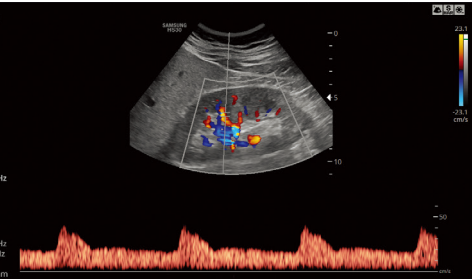
Knee with ClearVision **

S-Harmonic™

S-Harmonic™ using pulse inversion technology improves image clarity, near to far. Reducing signal noise, S-Harmonic™ provides more uniform ultrasound images.

MultiVision *

MultiVision controls ultrasound beam electronically by steering, and compounds many scan lines for better image. MultiVision provides remarkable spatial and contrast resolution with even greater artifact suppression than ever before.



Kidney color with S-Harmonic™ **

S-Flow™

S-Flow™, a directional Power Doppler imaging technology, can help to detect even the peripheral blood vessels.

* Optional Extra

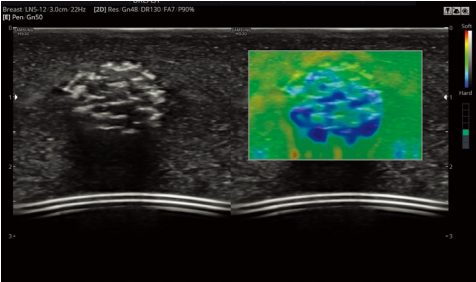
** Two asterisks on this page are the clinical images acquired by the HS30 V1.00 ultrasound system.

Enhanced Tools

General Imaging

ElastoScan™ *

A diagnostic ultrasound technique for imaging elasticity, ElastoScan™ detects the presence of solid masses in tissues and converts any stiffness into color images.

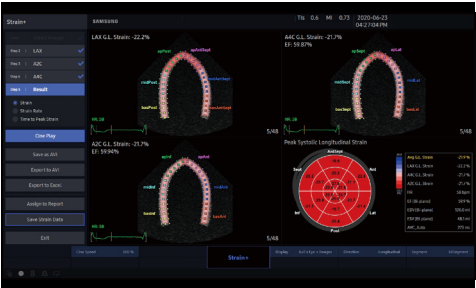


ElastoScan™ (Phantom) **

Cardiovascular

Strain+ *

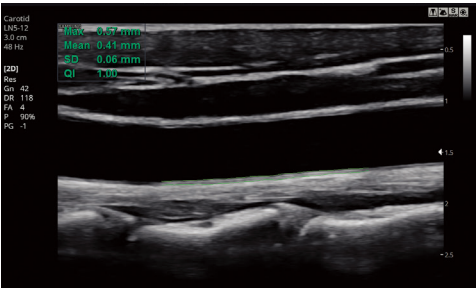
Strain+ is a quantitative tool for global and segmental wall motion of the left ventricle (LV). In Strain+, three standard LV views and a Bull's Eye are displayed in a quad screen for an assessment of the LV-function.



Strain+

AutoIMT+ *

AutoIMT+ is a screening tool to analyze a patient's potential risk of cardiovascular disease. It allows easy intima-media thickness measurement of both the anterior and posterior wall of the common carotid by the click of a button.

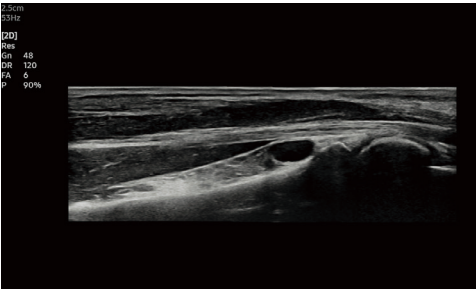


CCA with AutoIMT+ **

Musculoskeletal

Panoramic+ *

Panoramic+ imaging displays as an extended field-of-view so users can examine wide areas that do not fit into one image as a single image. Panoramic+ imaging also supports angular scanning from linear transducer data acquisition.



Wrist in Panoramic+

NeedleMate+™ *

NeedleMate+™ helps needle targeting when performing commonly used intervention procedures.



Thyroid **

* Optional Extra

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Obstetrics

BiometryAssist™

A semi-automatic technology for biometric measurement, BiometryAssist™, enables users to measure the fetal growth parameters such as BPD, HC, AC and FL with one click while maintaining exam consistency.



LaborAssist™ demo video animation

LaborAssist™ *

LaborAssist™ is a function that provides information of the progress of delivery by the automatic measurement of AoP (Angle of Progress) and the direction of the fetal head. This not only helps in effective communication between the healthcare professionals and mothers, but also assists in making delivery decision for the healthcare professionals.

* AoP complies with the metrics specified in the ISUOG Guideline.

3D XI *

Comprised of a suite of outstanding imaging applications (Multi-Slice View, Oblique View, and XI VOCAL), 3D XI offers precise control over 3D/4D volume data manipulation to improve diagnostic accuracy.

2D NT *

2D NT is a function to measure NT (Nuchal translucency) using the ROI box, and it helps you to measure the maximum value quickly and accurately.

Increasing Efficiency

EzAssist™ *

EzAssist™ provides the anatomical information of the human body at the screen to guide easy ultrasound scanning for untrained people.



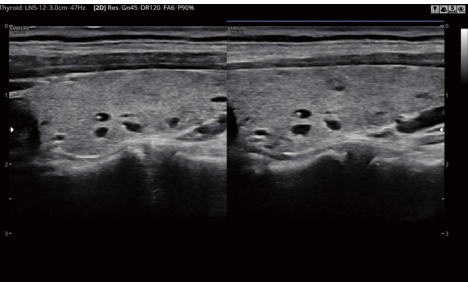
Kidney with EzAssist™ **

EzExam+™ *

EzExam+™ enables users to build or to use predefined protocols and could help users perform full investigation by eliminating the risk of forgetting an image or loop capture, as well as measurement and transducer preset changes.

EzCompare™

EzCompare™ allows access to previously taken exams to evaluate corresponding views in a side-by-side display. EzCompare™ automatically matches the image settings, annotations, and bodymarkers from the prior study.



Thyroid with EzCompare™ **

* Optional Extra

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