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 [1]

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

Gel Warmer [1]

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 [1]

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 [1]

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.

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, musculoskeletal, pediatric, vascular, urology

C2-8
Abdomen, obstetrics, gynecology, musculoskeletal, pediatric, vascular, urology

CF4-9
Abdomen, pediatric, vascular, obstetrics, gynecology, musculoskeletal, urology

CA4-10M
Pediatric, vascular, abdomen, obstetrics, gynecology, musculoskeletal, urology

Linear Array Transducers

LN5-12
Small parts, vascular, musculoskeletal, abdomen, obstetrics, gynecology, pediatric

L5-12/50
Small parts, vascular, musculoskeletal, abdomen, obstetrics, gynecology, pediatric

Volume Transducers

VN4-8
Abdomen, obstetrics, gynecology, musculoskeletal, pediatric, vascular, urology

EV2-10A
Obstetrics, gynecology, urology

Endo-cavity Transducers

EVN4-9
Obstetrics, gynecology, urology

ER4-9
Obstetrics, gynecology, urology

CW Transducer

DP2B
Cardiac, vascular

Phased Array Transducers

PN2-4
Abdomen, cardiac, vascular, pediatric

SP3-8
Abdomen, pediatric, cardiac, vascular

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.

1. Optional feature which may require additional purchase.

SAMSUNG MEDISON CO., LTD.

© 2021 Samsung Medison All Rights Reserved.
Samsung Medison reserves the right to modify the design, packaging, specifications, and features shown herein, without prior notice or obligation.

CE 0123

CT-HS30 V1.02-IMC-2T1006- EN

Value for the Basics

Ultrasound system
HS30

Scan code or visit
samsunghealthcare.com
to learn more

Relentless Innovation
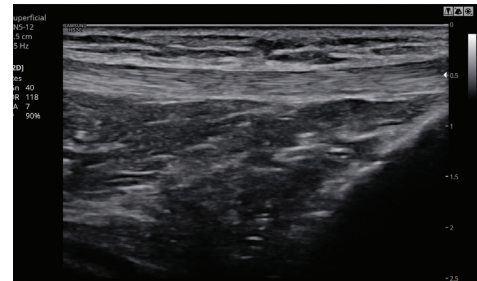for your diagnostic confidence

SAMSUNG

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

Noise reduction filter to improve 2D image quality

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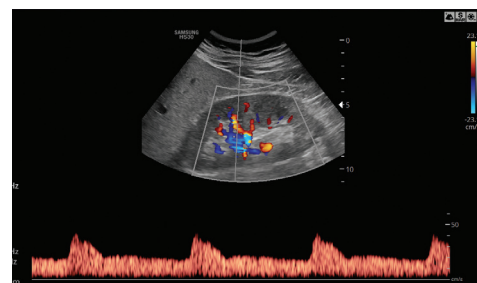
Spatial and contrast resolution with artifact suppression

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

Knee with ClearVision

Spatial and contrast resolution with artifact suppression [1]

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.

Directional power Doppler to examine peripheral vessels

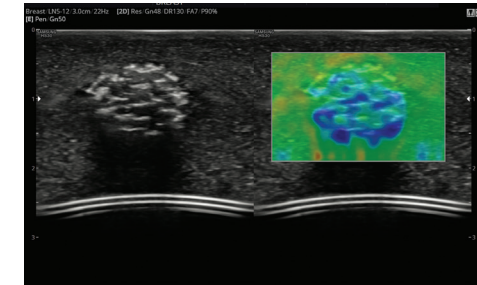**S-Flow™**, a directional Power Doppler imaging technology, can help to detect even the peripheral blood vessels.

Kidney color with S-Harmonic™

Enhanced tools

General Imaging

ElastoScan™

Observes the transformation of the tissue strain and converts relative stiffness [1]

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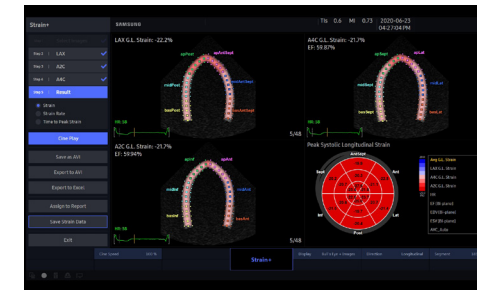
Cardiovascular

Strain+

Quantitative tool for measuring wall motion of the left ventricle [1]

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.
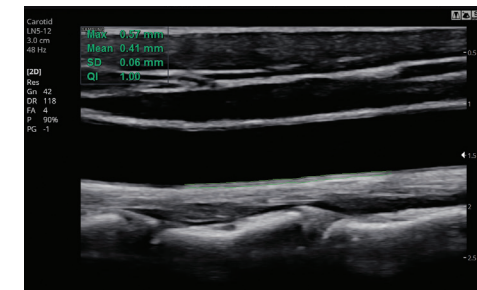
AutoIMT+

Easy IMT(intima-media thickness) measurement tool [1]

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.
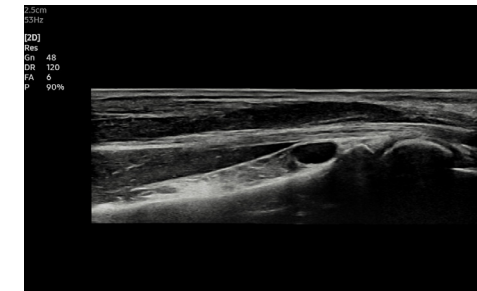
Musculoskeletal

Panoramic+

Extended field-of-view displaying tool [1]

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.

NeedleMate+™

Tool for displaying needle location vividly [1]

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

ElastoScan™ (Phantom)

Strain+

CCA with AutoIMT+

Wrist in Panoramic+

Thyroid

Obstetrics

BiometryAssist™

A semi-automated measurement of fetal biometry parameters

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™

Decision making support tool for delivery method selection [1]

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 decision of delivery method by healthcare professionals.

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

3D XI

3D data manipulation tool to improve diagnostic accuracy [1]

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

Simple NT (Nuchal Translucency) measurement tool based on 2D [1]

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™

Reference tool to practice the procedures during live scanning [1]

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

EzExam™

Build predefined protocols to ensure every step is followed every time [1]

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™

Compare with previously taken exam in a corresponding view

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.

LaborAssist™ demo video animation

HelloMom™ [1]

HelloMom™ is a simple and secure image sharing solution that generates a QR code for the selected fetal images to be transferred. HelloMom™ allows pregnant women and their family to download fetal ultrasound images simply by scanning the QR code with their smartphones, reducing the hassle of installing a separate application.
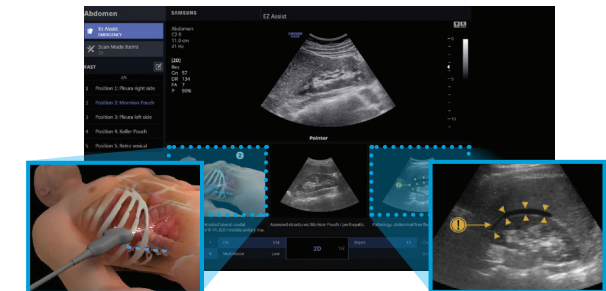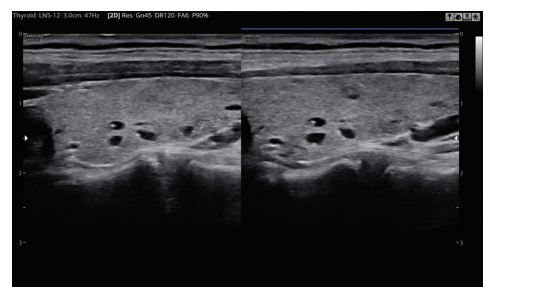

Kidney with EzAssist™

Thyroid with EzCompare™