HS60

The HS60 is a high-resolution system designed to perform 2D, 3D and 4D ultrasound. The slender design is compact and light-weight and makes HS60 the perfect fit for any environment. The system incorporates advanced hybrid beamforming technology, as well as a selection of innovative image processing tools to meet your Radiology needs.

Samsung's commitment to supporting confident decision making

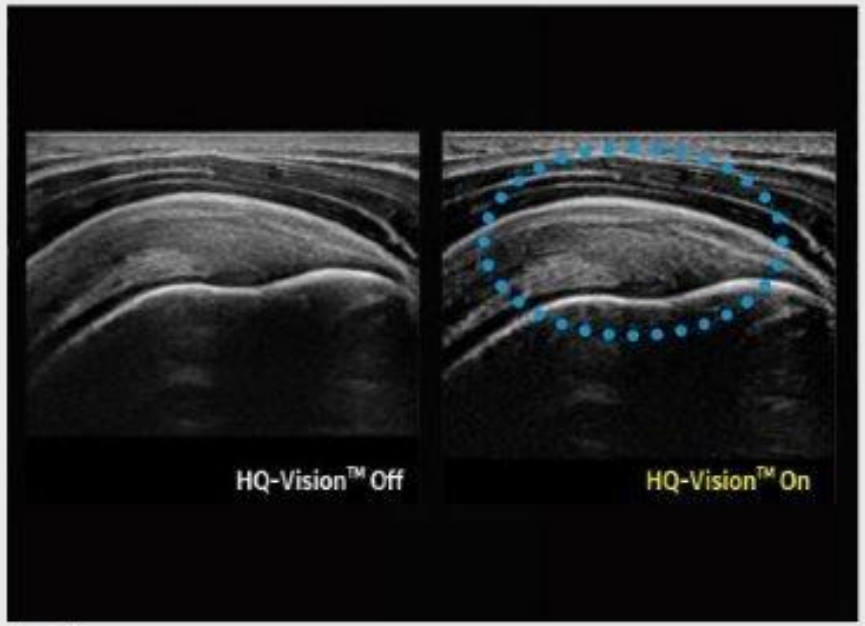
Beyond Experience™, an integrated solution engineered to offer medical professionals a new and outstanding experience in diagnosis, delivers enriched views, advanced intelligence, and streamlined workflow.
All of this combines to enable patient-centered care.

More Valuable Information

Samsung's advanced imaging technologies can provide new insights based on highly detailed images. This valuable information enables confident decision making.

HQ-Vision™

Image processing function that reduces the blurry quality that is characteristic of ultrasound images allowing them to be viewed more clearly.



Shoulder

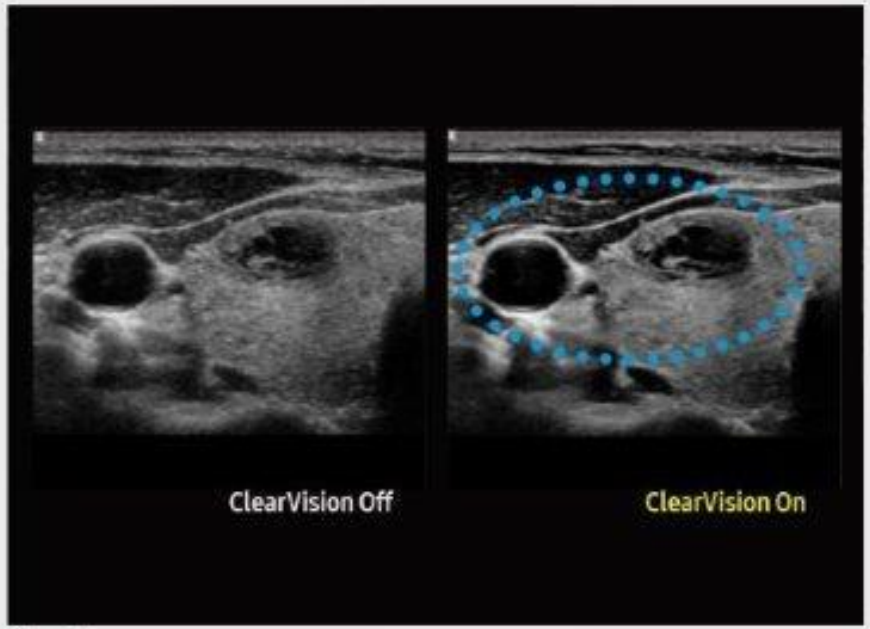
S-Flow™

S-Flow™, a directional Power Doppler imaging technology, can help to detect even the peripheral blood vessels. It enables accurate diagnosis when blood flow examination is especially difficult.

Liver with S-Flow™

ClearVision

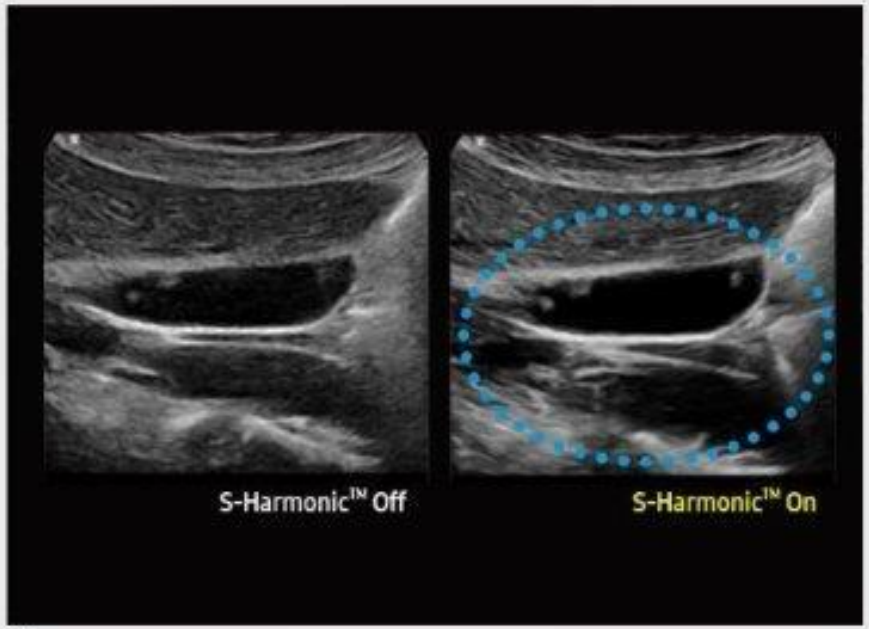
The noise reduction filter improves edge enhancement and creates sharper 2D images for optimal diagnostic performance. ClearVision provides application-specific optimization and advanced temporal resolution in live scan mode.



Thyroid

S-Harmonic™

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



GB

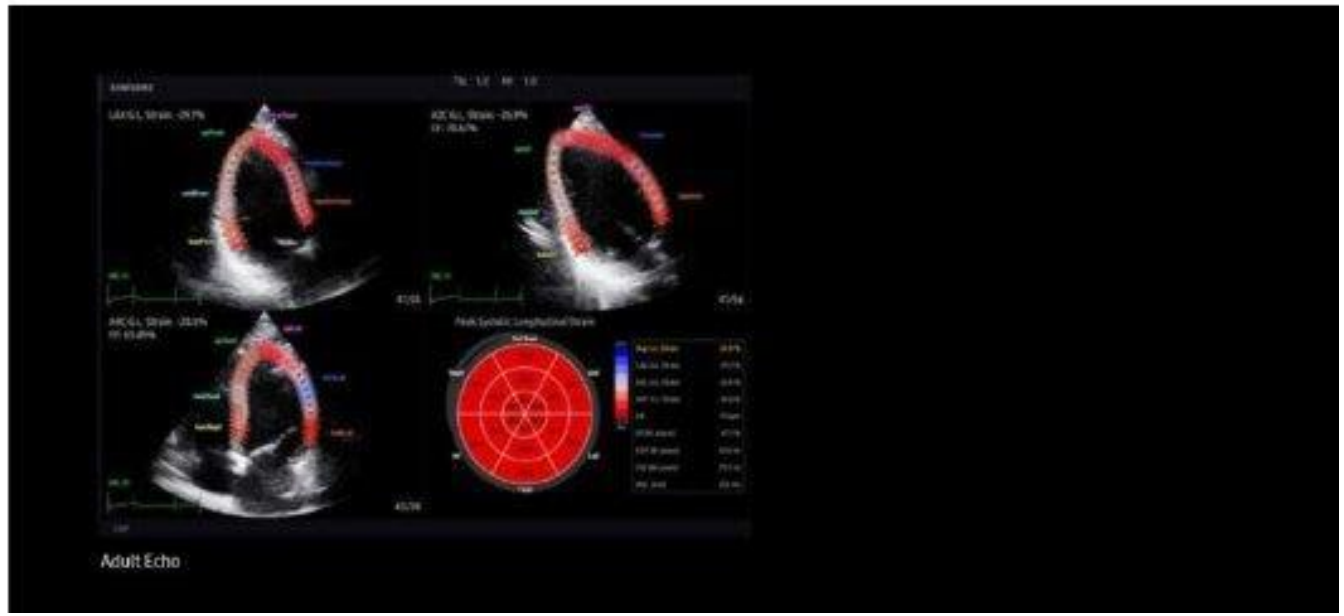
Advanced Intelligence

Increased Consistency

Thanks to its specially designed solutions, including an extensive range of quantification functions, the HS60 creates consistency to ensure accurate measurement.

Strain+

Strain+ is a quantitative tool for measuring global and segmental wall motion of the left ventricle (LV). All the user has to do is draw three points, and then Strain+ will automatically contour the global and segmental wall and calculate strain data. In Strain+, three standard LV views and a Bull's eye are displayed on a four part screen for easy and quick assessment of the LV function. Samsung's Strain+ increases diagnostic efficiency with a simple user interface, intuitive visualization, and helpful procedure guides.



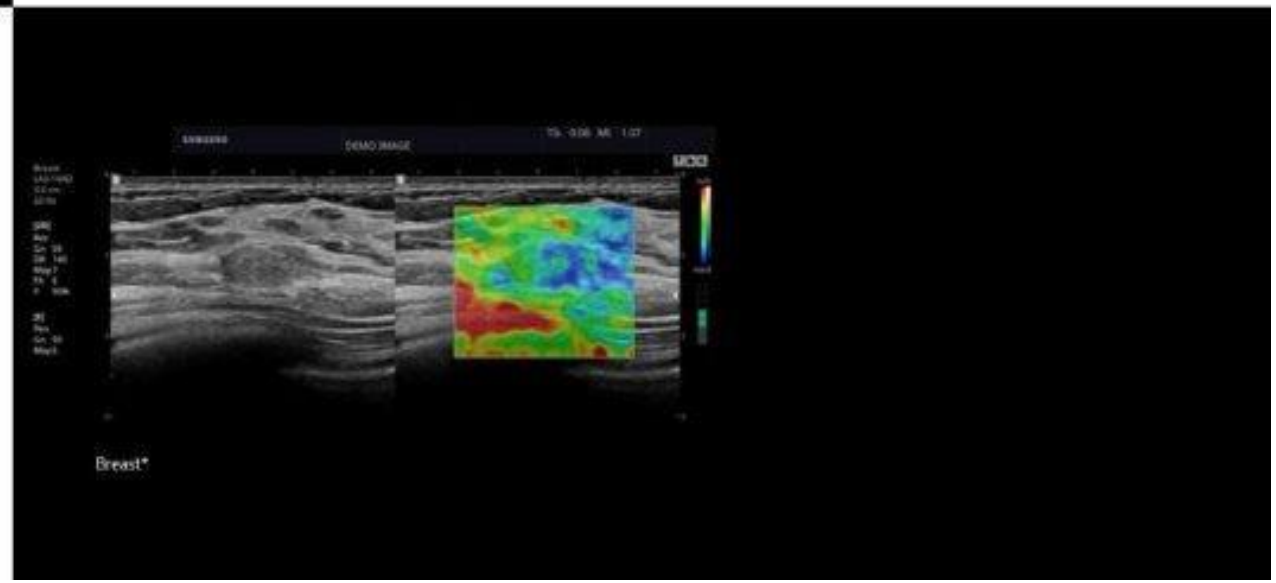
Adult Echo

StressEcho

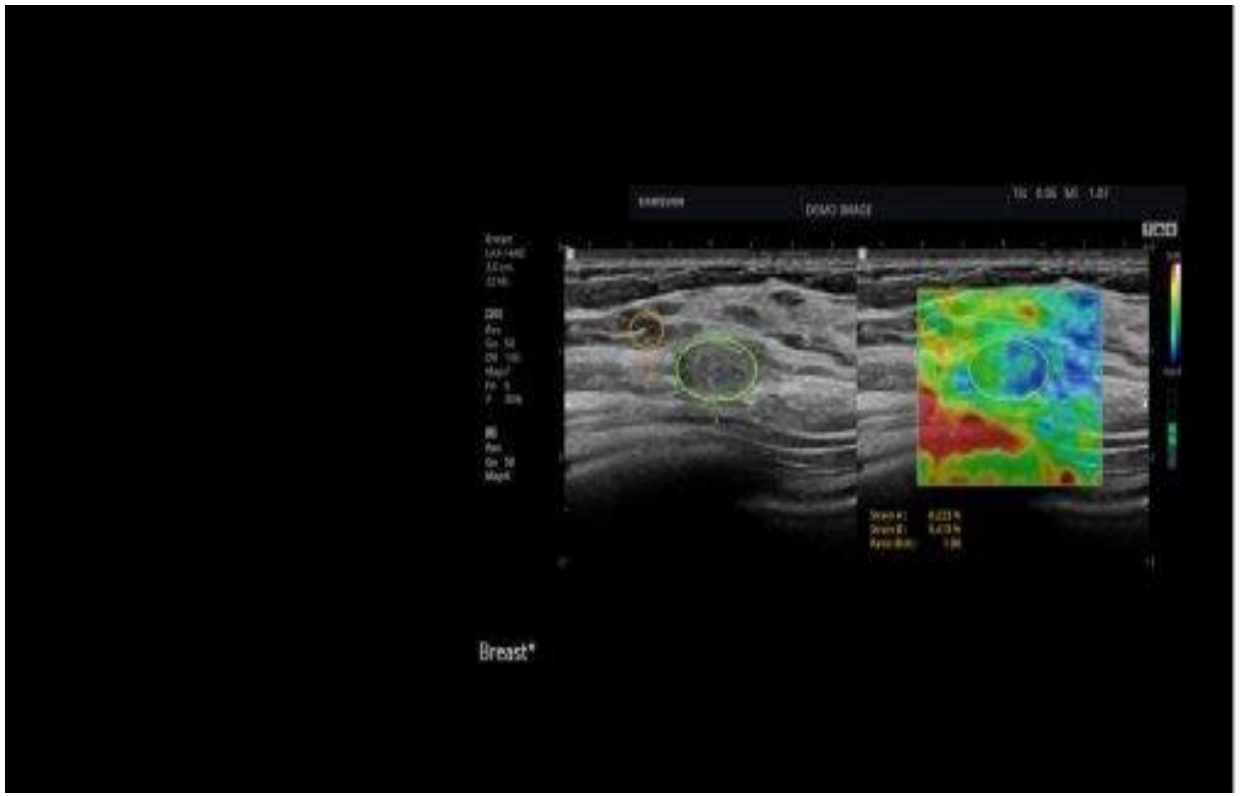
The StressEcho package includes wall motion scoring and reporting. It includes exercise StressEcho, pharmacologic StressEcho, diastolic StressEcho and user-programmable StressEcho.

ElastoScan™

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



Breast*



E-Strain™

E-Strain™ is designed to enable quick and easy calculation of the strain ratio between two regions of interest for day-to-day practice. Simply by setting the two targets, you can receive accurate, consistent results and make informed decisions in many types of diagnostic procedures.

HS60

S-Flow™

S-Flow™, a directional Power Doppler imaging technology, can help to detect even the peripheral blood vessels. It enables accurate diagnosis when blood flow examination is especially difficult.

DISCIPLINE COMMUNICATION

RS85

MV-Flow™

MV-Flow™ offers a novel alternative to Color Doppler for visualizing slow flow microvascularized structures.

S-Detect™ for Breast

S-Detect™ for Breast helps standardize reporting and classification of suspicious breast lesions by incorporating BIRADS® ATLAS* (Breast Imaging-Reporting and Data System, Atlas) into the tool.
When the user selects a region of interest, S-Detect™ for Breast automatically defines the lesion boundaries, provides lexicon classification options, and images export for an enhanced and streamlined workflow.

* Registered trademark of the American College of Radiology. All rights reserved.

* Only shape and Orientation descriptors are automatically classified in the United States.

Breast

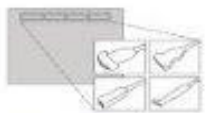
Streamlined Workflow

Enhanced Efficiency

The HS60 has been designed to enhance efficiency through reducing keystrokes, enabling you to streamline your workflow by combining multiple actions into one. Its user-oriented design also enables you to focus on your patient, reducing the complexity and stress of operating the system.

QuickPreset

With one touch, the user can select the most common transducer and preset combinations. Quick Preset increases efficiency to make a full day of scanning simple and easy.



EZCompare™

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

Measure Navigation

When placing a caliper, Measure Navigation automatically magnifies the region of interest using a picture-in-picture window to allow more precise placement of the calipers. This is especially useful when measuring small structures or when accuracy is critical.

21.5 inch LCD monitor (LED backlight unit)

The HS60 features a 21.5 inch LCD monitor (LED backlight unit), delivering excellent contrast resolution, image clarity and vibrant color in any lighting condition.

10.1-inch touchscreen

The Samsung 10.1-inch touchscreen is highly sensitive, allowing for an efficient interaction during the examination.

Clever use of space

With reduced weight and compact size, HS60 takes up minimal space and can move freely. In addition, its streamlined rear profile allows you to park the HS60 in a small spaces.

Washable transducer holder

The washable transducer holder enables hygienic temporary storage of transducer without fear of contamination.

Low noise

This exceptionally quiet device allows physical exams, including auscultation, to be performed while the ultrasound system is turned on.

Gel warmer

* Optional Extra

For operator convenience, a gel warmer can be installed on both sides of the control panel.

Solid State Drive (SSD)

The HS60 uses Samsung's advanced solid state drives. These stable and dependable drives allow faster boot-up, better frame rates, and fast processing speeds.

BatteryAssist

BatteryAssist provides the system with battery power. This serves two important purposes. Firstly, it enables users to perform scans and transport the ultrasound system to other locations in environments where AC power may not be available temporarily. Secondly, it reduces boot-up time by using sleep mode without having to shut down or restart the system.

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Secure Your Care

Samsung Healthcare Cybersecurity

Intrusion Prevention

Tools for protecting against cyber threats from external attacks

Access Control

Strengthened surveillance for tracking the access of patient information

Data Protection

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

Samsung HS60 Compatible Transducers / Probes

Curved array transducers

CA1-7AD

- Application: abdomen, obstetrics, gynecology

CA2-9AD

- Application: abdomen, obstetrics, gynecology

CF4-9

- Application: pediatric, vascular

Linear array transducers

LA4-18BD

- Application: abdomen, musculoskeletal, small parts, vascular

LA3-16AI

- Application: abdomen, musculoskeletal, small parts, vascular

Volume transducers

CV1-8AD

- Application: abdomen, obstetrics, gynecology

V5-9

- Application: obstetrics, gynecology, urology

Endocavity transducer

EA2-11B

- Application: obstetrics, gynecology, urology

Phased array transducers

PA1-5A

- Application: abdomen, cardiac, vascular

PA3-8B

- Application: abdomen, cardiac

CW transducers

CW6.0

- Application: cardiac

DP2B

- Application: cardiac