Comprehensive selection of transducers

Curved array transducers

CA2-8AD

- Application : abdomen, obstetrics, gynecology

C2-8

- Application : abdomen, obstetrics, gynecology

C2-5

- Application : abdomen, obstetrics, gynecology

CF4-9

- Application : pediatric, vascular

Linear array transducers

LA3-16AD

- Application : small parts, vascular, musculoskeletal

LN5-12

- Application : small parts, vascular, musculoskeletal

L5-12/50

- Application : small parts, vascular, musculoskeletal

L4-7

- Application : abdomen, small parts, vascular, musculoskeletal

LS6-15

- Application : musculoskeletal

Volume transducers

VN4-8

- Application : abdomen, obstetrics, gynecology

V5-9

- Application : obstetrics, gynecology, urology

Endo-cavity transducers

EVN4-9

- Application : obstetrics, gynecology, urology

ER4-9

- Application : obstetrics, gynecology, urology

Phased array transducer

PN2-4

- Application : abdomen, cardiac, vascular

SP3-8

- Application : abdomen, pediatric, cardiac

CW transducer

DP8B

- Application : cardiac, vascular

DP2B

- Application : cardiac

CT-HS40 V1.02-OB-FT-190417-EN

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

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Establish everyday efficiency

Ultrasound system

HS40 Powered by CrystalLive™

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to learn more

EXPERIENCE
A New Healthcare Solution

SAMSUNG

Powered by CrystalLive™

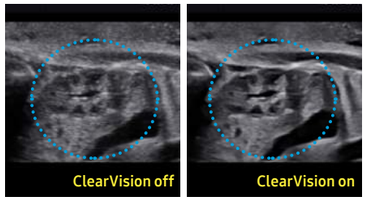
CrystalLive™ is Samsung's up-to-date ultrasound imaging engine with enhanced 2D image processing, 3D rendering and color signal processing, to offer outstanding image performance and efficient workflow during complex cases.

Extraordinary image quality for a clearer view

With the astonishingly clear view provided by Samsung's advanced imaging technologies, you can make clinical decisions with greater confidence.

ClearVision

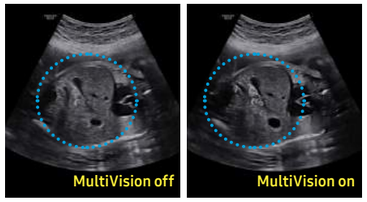
The noise reduction filter improves edge enhancement and creates sharper 2D images for optimal diagnostic performance. In addition, ClearVision provides application-specific optimization and advanced temporal resolution in live scan mode.



Fetal kidney

MultiVision

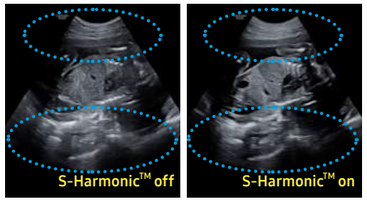
MultiVision controls ultrasound beam electronically by steering, and compounds many scan lines for better image. MultiVision provides remarkable spatial and contrast resolution with even greater artifact suppression than ever before.



Fetal abdomen

S-Harmonic™

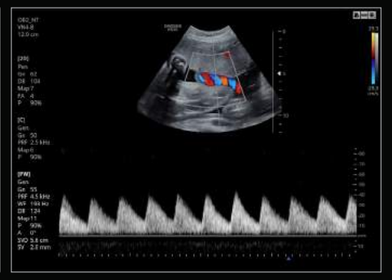
S-Harmonic™ reduces signal noise and provides more uniform ultrasound images by improving near to far image clarity.



Fetal abdomen

Fetal brain in S-Flow™

Umbilical cord in color Doppler



Umbilical cord in PW

Fetal heart in color Doppler

Fetal heart

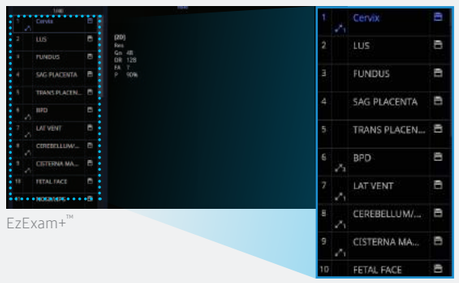
26 weeks fetal face in 3D

Enhanced tools for optimized care

Samsung's advanced yet budget-friendly tools, previously exclusive to our premium ultrasound platforms, enhance obstetric and gynecological exam capabilities for efficient and effective care.

EzExam+™ *

EzExam+™ enables you to build or use a predefined protocol, and assign protocols for examinations that are regularly performed in the hospital in order to reduce the number of steps that you have to go through.



EzExam+™

QuickPreset

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

CA2-8AD

RealisticVue™ *

RealisticVue™ displays high resolution 3D anatomy with exceptional detail and realistic depth perception. User selectable light source direction creates intricately graduated shadows for better defined anatomical structures.

Fetal face

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.

Fetal brain in MSV

BiometryAssist™ *

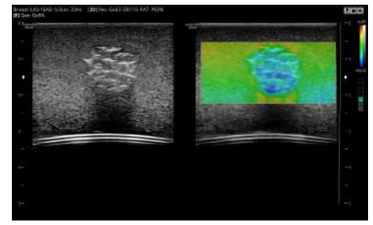
A semi-automatic technology for biometric measurement, BiometryAssist™, enables users to measure the growth of the fetus more quickly and with greater accuracy while maintaining exam consistency.

BPD measurement with BiometryAssist™

5D NT™ *

(Nuchal translucency measurement)

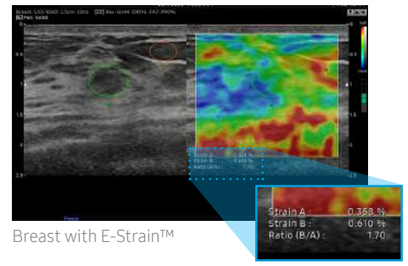
5D NT™ provides the midsagittal plane view automatically by rotating and magnifying the images when measuring the nuchal translucency (NT) of the fetus in early weeks.



ElastoScan™ (Phantom)

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 with E-Strain™

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.

* Optional Extra

User-friendly design

HS40's ground-breaking design was inspired by users' ideas and suggestions during development. Every detail, such as the fully articulating monitor arm, the operating panel which can be easily adjusted to different heights, and additional storage space, has been created to make the work environment more comfortable. And it is this focus on the user that has led to the product winning a prestigious 2017 iF Design Award.

DESIGN AWARD 2017

INTERNATIONAL DESIGN EXCELLENCE AWARDS '17 FINALIST

Solid State Drive (SSD)

The HS40 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.

Articulating monitor arm

With a wide range of motion, the fully articulating monitor arm adapts to your changing needs.

Height-adjustable operating panel

Adjust the operating panel to your preferred height without straining, thanks to the smooth upward and downward motion of the gas lift.

Endocavity transducer holder *

HS40 features an endocavity transducer holder, side-mounted on the console for convenience when performing gynecological scanning.

Gel warmer *

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

Side storage *

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

Rear tray *

HS40's rear tray provides extra storage space for the endocavity transducer and other items.

Low noise

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

Printer cover *

The user-friendly cover tidies and hides away printer cables that may otherwise become tangled.

* Optional Extra