

# Samsung Ultrasound System



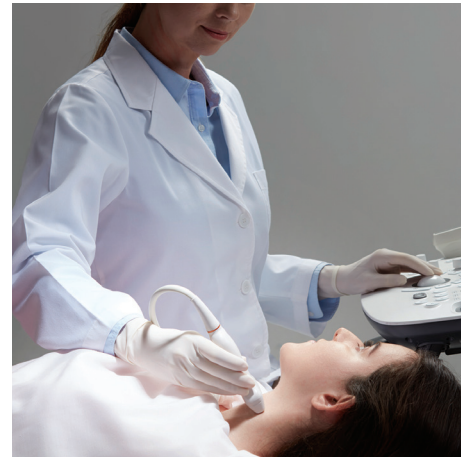
**HERA W10 Elite**



**RS85 Prestige**



Product Inquiry



# Contents

## Women's Health

HERA W10 Elite	06
HERA W10	06
HERA I10	07
V8	08
V7	08
HS60	09
HS50	09
HS40	10
HM70 EVO	10
HelloMom™	11

## General Imaging

RS85 Prestige	14
RS80 EVO	14
V8	15
V7	15
HS60	16
HS50	16
HS40	17
HS30	17
HM70 EVO	18
SonoSync™	19

## Cardiovascular

RS85 Prestige	22
RS80 EVO	22
V8	23
V7	23
HS60	24
HS50	24
HS40	25
HS30	25
HM70 EVO	26
Cybersecurity	26
Sustainability	27

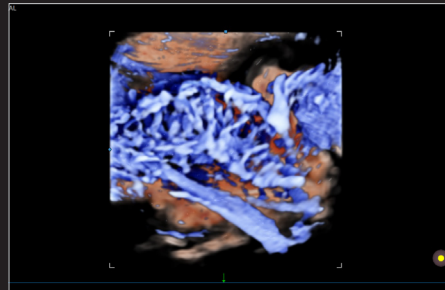
# Women's Health

We develop and design expert tools at a high level, incorporating the latest industry-leading innovations and technologies to advance the field. Our systems possess diverse cutting-edge solutions including superb 2D, volume, and color imaging technologies, and intelligent assist features for enhanced diagnostic confidence.



## Enhance hidden structures in shadowed regions

**ShadowHDR™** selectively applies high-frequency and low-frequency of the ultrasound to identify shadow areas such as fetal head or spine where attenuation occurs.



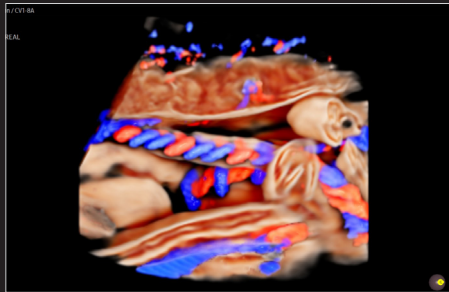
## Visualize slow flow in microvascular structures

**MV-Flow™** visualizes microcirculatory and slow blood flow to display the intensity of blood flow (in 2D/3D mode). It is suitable for observation of microcirculatory and volume of slow blood flow.



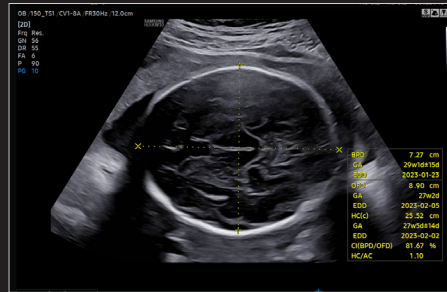
## Express 3D anatomy in detailed and realistic view

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



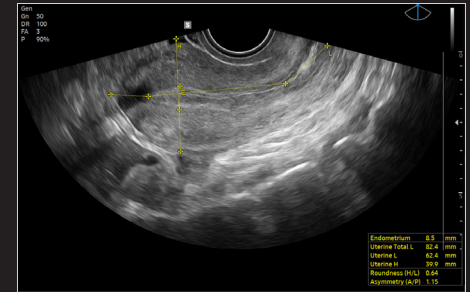
### Visualize internal and external structures with blood flow morphology

**CrystalVue Flow™** is a volume rendering technology provides blood flow morphology based on the CrystalVue™ feature that visualizes the internal structures by projecting the 3D data.



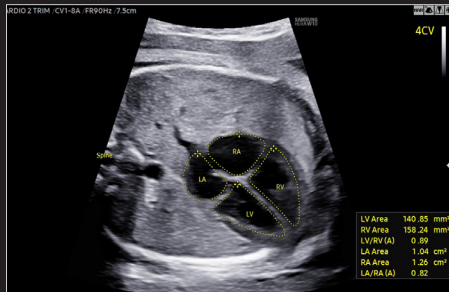
### An automated classification and annotation of the images

**ViewAssist™**, a feature based on Deep Learning technology, provides automatic classification of the ultrasound images and annotation of the structures.



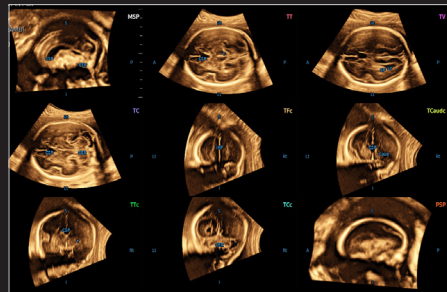
### Measure the size and shape of the uterus with AI technology

**UterineAssist™**, based on Deep Learning technology, automatically measures the size and shape of the uterus, assisting in detecting signs of uterine-related abnormalities, as well as reducing scan time.



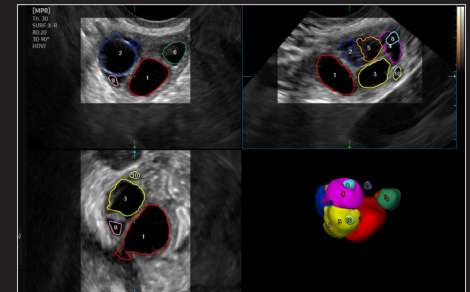
### An automated reporting tool for fetal heart diagnosis

**HeartAssist™**, a feature based on Deep Learning technology, provides automatic classification of ultrasound image into measurement views required for fetal heart diagnosis.



### Measure fetal brain in one click

**5D CNS+™** uses intelligent navigation to provide 6 measurements from 3 transverse views of the fetal brain to enhance measurement reproducibility and streamlined workflow.



### Assess the risk of infertility using volume data

**5D Follicle™** identifies and measures multiple ovarian follicles in one scan for rapid assessment of follicular size and status during controlled ovarian simulation.



## Women's Health

# HERA W10 Elite

Visionary change



Visit  
Website



V1.03

### Redefined imaging technologies

Powered by Crystal Architecture™ (CrystalBeam™, CrystalLive™)

### Sophisticated 2D image processing

ShadowHDR™, HQ-Vision™, S-Harmonic™, ClearVision, MultiVision

### Realistic description of 3D/4D performance

RealisticVue™<sup>1</sup>, CrystalVue™<sup>1</sup>, CrystalVue Flow™<sup>1</sup>, AmbientLight

### Detailed expression of blood flow dynamics

MV-Flow™<sup>1</sup>, S-Flow™, LumiFlow™

### Enriched diagnostic features

BiometryAssist™, HeartAssist™, ViewAssist™, UterineContour, Slice A<sup>1</sup>, IOTA-ADNEX<sup>1</sup>, S-Detect™ for Breast/Thyroid<sup>1,3</sup>, 5D Heart Color™<sup>1</sup>, 5D CNS+™<sup>1</sup>, 5D Limb Vol.™<sup>1</sup>, 5D NT™<sup>1</sup>, 5D Follicle™<sup>1</sup>, 5D LB™<sup>1</sup>, E-Breast™<sup>1</sup>, E-Thyroid™<sup>1</sup>, E-Cervix™<sup>1</sup>, MPI+<sup>1</sup>, CEUS+ HyCoSy<sup>1</sup>, 2D NT

### Enhanced productivity and facilitated workflow

SonoSync™<sup>1,4</sup>, EzExam+™, QuickScan™, QuickPreset, MobileSleep<sup>1</sup>, TouchCustomization, TouchGesture, HelloMom™<sup>1</sup>, EzPrep™

### Ergonomics for your comfort and productivity

27-inch LED monitor, 14-inch tilting touch screen, Control panel moving mechanism, Supporting Light, Endocavity transducer holder, Gel warmer, Cable management

# HERA W10

New momentum of imaging



Visit  
Website



V1.03

### Redefined imaging technologies

Powered by Crystal Architecture™ (CrystalBeam™, CrystalLive™)

### Sophisticated 2D image processing

ShadowHDR™, HQ-Vision™, S-Harmonic™, ClearVision, MultiVision

### Realistic description of 3D/4D performance

RealisticVue™<sup>1</sup>, CrystalVue™<sup>1</sup>, CrystalVue Flow™<sup>1</sup>, AmbientLight

### Detailed expression of blood flow dynamics

MV-Flow™<sup>1</sup>, S-Flow™, LumiFlow™

### Enriched diagnostic features

BiometryAssist™, HeartAssist™<sup>1</sup>, ViewAssist™<sup>1</sup>, UterineContour, Slice A<sup>1</sup>, IOTA-ADNEX<sup>1</sup>, S-Detect™ for Breast/Thyroid<sup>1,3</sup>, 5D Heart Color™<sup>1</sup>, 5D CNS+™<sup>1</sup>, 5D Limb Vol.™<sup>1</sup>, 5D LB™<sup>1</sup>, 5D NT™<sup>1</sup>, 5D Follicle™<sup>1</sup>, E-Breast™<sup>1</sup>, E-Thyroid™<sup>1</sup>, E-Cervix™<sup>1</sup>, MPI+<sup>1</sup>, CEUS+ HyCoSy<sup>1</sup>, 2D NT

### Enhanced productivity and facilitated workflow

SonoSync™<sup>1,4</sup>, EzExam+™, QuickScan™, QuickPreset, MobileSleep<sup>1</sup>, TouchCustomization, TouchGesture, HelloMom™<sup>1</sup>, EzPrep™

### Ergonomics for your comfort and productivity

27-inch OLED monitor<sup>1</sup>, 14-inch tilting touch screen, Control panel moving mechanism, Supporting Light, Endocavity transducer holder, Gel warmer, Cable management

## Women's Health

### V8

Step up confidence



Visit  
Website



V1.03

#### Redefined imaging technologies

Powered by Crystal Architecture™ (CrystalBeam™, CrystalLive™)

#### Sophisticated 2D image processing

ShadowHDR™, HQ-Vision™<sup>1</sup>, S-Harmonic™, ClearVision, MultiVision

#### Realistic description of 3D/4D performance

RealisticVue™<sup>1</sup>, CrystalVue™<sup>1</sup>, CrystalVue Flow™<sup>1</sup>, AmbientLight

#### Detailed expression of blood flow dynamics

MV-Flow™<sup>1</sup>, LumiFlow™<sup>1</sup>, S-Flow™

#### Enriched diagnostic features

ViewAssist™<sup>1</sup>, BiometryAssist™<sup>1</sup>, 5D Heart Color™<sup>1</sup>, 5D CNS+™<sup>1</sup>, 5D Limb Vol.™<sup>1</sup>, 5D NT™<sup>1</sup>, 5D Follicle™<sup>1</sup>, 2D Follicle™<sup>1</sup>, S-Detect™ for Breast/Thyroid<sup>1,3</sup>, E-Strain™<sup>1</sup>, MPI+<sup>1</sup>, CEUS+ HyCoSy<sup>1</sup>, LaborAssist™<sup>1</sup>, Uterine Contour, UterineAssist™<sup>1</sup>, IOTA-ADNEX<sup>1</sup>, E-Cervix™<sup>1</sup>

#### Enhanced productivity and facilitated workflow

SonoSync™<sup>1,4</sup>, EzExam+™<sup>1</sup>, EzCompare™, QuickScan™, QuickPreset, Expanded view, TouchEdit, TouchGesture, HelloMom™<sup>1</sup>, BatteryAssist™<sup>1</sup>, Contextual button, QuickSave, EzPrep™

#### Ergodynamics for your comfort and productivity

23.8-inch LED Monitor, 14-inch tilting touchscreen, Cooling system, Adjustable control panel, Endocavity transducer holder, Gel warmer

### V7

Take what you want



Visit  
Website



V1.03

#### Redefined imaging technologies

Powered by Crystal Architecture™ (CrystalBeam™, CrystalLive™)

#### Sophisticated 2D image processing

ShadowHDR™, HQ-Vision™<sup>1</sup>, S-Harmonic™, ClearVision, MultiVision

#### Realistic description of 3D/4D performance

RealisticVue™<sup>1</sup>, CrystalVue™<sup>1</sup>, CrystalVue Flow™<sup>1</sup>, AmbientLight

#### Detailed expression of blood flow dynamics

MV-Flow™<sup>1</sup>, LumiFlow™<sup>1</sup>, S-Flow™

#### Enriched diagnostic features

ViewAssist™<sup>1</sup>, BiometryAssist™<sup>1</sup>, 5D Heart Color™<sup>1</sup>, 5D CNS+™<sup>1</sup>, 5D Limb Vol.™<sup>1</sup>, 5D NT™<sup>1</sup>, 5D Follicle™<sup>1</sup>, 2D Follicle™<sup>1</sup>, S-Detect™ for Breast/Thyroid<sup>1,3</sup>, E-Strain™<sup>1</sup>, MPI+<sup>1</sup>, CEUS+ HyCoSy<sup>1</sup>, LaborAssist™<sup>1</sup>, Uterine Contour, UterineAssist™<sup>1</sup>, IOTA-ADNEX<sup>1</sup>, E-Cervix™<sup>1</sup>

#### Enhanced productivity and facilitated workflow

SonoSync™<sup>1,4</sup>, EzExam+™<sup>1</sup>, EzCompare™, QuickScan™, QuickPreset, Expanded view, TouchEdit, TouchGesture, HelloMom™<sup>1</sup>, BatteryAssist™<sup>1</sup>, Contextual button, QuickSave, EzPrep™

#### Ergodynamics for your comfort and productivity

21.5-inch LED Monitor (23.8-inch LED Monitor<sup>1</sup>), 14-inch touchscreen, Cooling system, Adjustable control panel, Endocavity transducer holder, Gel warmer

## Women's Health

### HS60

Focus on your needs



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V2.04

#### Redefined imaging technologies

Powered by CrystalLive™

#### Sophisticated 2D image processing

HQ-Vision™, S-Harmonic™, ClearVision, MultiVision

#### Realistic description of 3D/4D performance

RealisticVue™<sup>1</sup>, CrystalVue™<sup>1</sup>

#### Detailed expression of blood flow dynamics

MV-Flow™<sup>1</sup>, S-Flow™, LumiFlow™<sup>1</sup>

#### Enriched diagnostic features

BiometryAssist™, 5D Heart Color™<sup>1</sup>, 5D NT™<sup>1</sup>, 2D NT™<sup>1</sup>, 5D Follicle™<sup>1</sup>, 2D Follicle™<sup>1</sup>, S-Detect™ for Breast/Thyroid<sup>1,3</sup>, E-Strain™<sup>1</sup>, ElastoScan™<sup>1,2</sup>, 3D XI™<sup>1</sup>, 3D MXI™<sup>1</sup>, XI STIC™<sup>1</sup>, LaborAssist™<sup>1</sup>

#### Enhanced productivity and facilitated workflow

EzExam+™, EzCompare™, QuickScan™, QuickPreset, Measure Navigation, HelloMom™<sup>1</sup>, BatteryAssist™<sup>1</sup>

#### Ergodynamics for your comfort and productivity

21.5-inch LED monitor, 10.1-inch touch screen, Adjustable control panel, Transducer cable hangers, Gel warmer<sup>1</sup>

### HS50

Simple yet powerful



Visit  
Website



V2.04

#### Redefined imaging technologies

Powered by CrystalLive™

#### Sophisticated 2D image processing

HQ-Vision™, S-Harmonic™, ClearVision, MultiVision

#### Realistic description of 3D/4D performance

RealisticVue™<sup>1</sup>

#### Detailed expression of blood flow dynamics

S-Flow™, LumiFlow™<sup>1</sup>

#### Enriched diagnostic features

BiometryAssist™, 5D NT™<sup>1</sup>, 2D NT™<sup>1</sup>, 5D Follicle™<sup>1</sup>, 2D Follicle™<sup>1</sup>, 3D XI™<sup>1</sup>, S-Detect™ for Breast/Thyroid<sup>1,3</sup>, E-Strain™<sup>1</sup>, ElastoScan™<sup>1,2</sup>, XI STIC™<sup>1</sup>, LaborAssist™<sup>1</sup>

#### Enhanced productivity and facilitated workflow

EzExam+™, EzCompare™, QuickScan™, QuickPreset, Measure Navigation, HelloMom™<sup>1</sup>, BatteryAssist™<sup>1</sup>

#### Ergodynamics for your comfort and productivity

21.5-inch LED monitor, 10.1-inch touch screen, Adjustable control panel, Transducer cable hangers, Gel warmer<sup>1</sup>



## Women's Health

### HS40

Establish everyday efficiency



Visit  
Website



V1.05

#### Redefined imaging technologies

Powered by CrystalLive™

#### Sophisticated 2D image processing

HQ-Vision™, S-Harmonic™, ClearVision, MultiVision

#### Realistic description of 3D/4D performance

RealisticVue™<sup>1</sup>, CrystalVue™<sup>1</sup>

#### Detailed expression of blood flow dynamics

S-Flow™

#### Enriched diagnostic features

BiometryAssist™, UterineAssist™<sup>1</sup>, 5D NT™<sup>1</sup>, 2D NT™<sup>1</sup>, 5D Follicle™<sup>1</sup>, 2D Follicle™<sup>1</sup>, S-Detect™ for Breast<sup>1,3</sup>, ElastoScan™<sup>1,2</sup>, 3D XI™<sup>1</sup>, XI STIC™<sup>1</sup>, LaborAssist™<sup>1</sup>

#### Enhanced productivity and facilitated workflow

EzExam+™<sup>1</sup>, EzCompare™, EzAssist™<sup>1</sup>, QuickScan™, QuickPreset, Measure Navigation, HelloMom™<sup>1</sup>, BatteryAssist™<sup>1</sup>

#### Ergonomics for your comfort and productivity

21.5-inch LED monitor, 10.1-inch touch screen, Adjustable control panel, Gas lift, Side storage<sup>1</sup>, Rear tray<sup>1</sup>, Endocavity transducer holder<sup>1</sup>, Gel warmer<sup>1</sup>, SSD drive, Print cover<sup>1</sup>

### HM70 EVO

Mobile excellence



Visit  
Website



V1.01

#### Sophisticated 2D image processing

HQ-Vision™, S-Harmonic™, ClearVision, MultiVision

#### Realistic description of 3D/4D performance

RealisticVue™<sup>1</sup>, CrystalVue™<sup>1</sup>

#### Detailed expression of blood flow dynamics

S-Flow™

#### Enriched diagnostic features

BiometryAssist™, 5D NT™<sup>1</sup>, 2D NT™<sup>1</sup>, 5D Follicle™<sup>1</sup>, 2D Follicle™<sup>1</sup>, ElastoScan™<sup>1,2</sup>, 3D XI™<sup>1</sup>, XI STIC™<sup>1</sup>, LaborAssist™<sup>1</sup>

#### Enhanced productivity and facilitated workflow

EzExam+™<sup>1</sup>, EzCompare™, EzAssist™<sup>1</sup>, Barcode Scanner, QPath™, QuickScan™, Full Screen, QuickPreset, Measure Navigation, HelloMom™<sup>1</sup>

#### Ergonomics for your comfort and productivity

Cart (Gas lift, On cart power outlets<sup>1</sup>), Built-in printer storages, Built-in power supply, 3 extension ports support, 15-inch LCD monitor

# Simple transfer of fetal images and clips

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.



**Save**

**2.55 trees\***  
2.55 trees can be saved by not using printing paper for one year.

**USD 1,799\*\***  
Reduce your costs to \$0  
No need to buy a printer and printing paper.

\* Assumptions  
 - 1 sheet of A4 paper is assumed to consume 0.0007 trees.  
 - The paper is based on UPC21L (1 pack approximately 200 sheets)  
 - 200 sheets of A4 sized paper x 1 year consumption of 18.25 pack = 3,650 sheets  
 - Save 3,650 sheets of A4 sized paper per 1 year = 2.55 trees  
 \*\* Assumptions  
 - The color printer is based on D25MD and the paper is based on UPC21L.  
 - This assumption is based on 20 patients per day (8 hours of treatment, 1 patient per 30 minutes)  
 - Based on 100 prints per day (5 prints per person), which results in 36,500 prints per year  
 - Based on 182.5 rolls usage per year (1 roll approximates 200 prints)  
 - 18.25 pack (182.5 rolls) = \$96.25 (based on UPC21L) = \$1,798.9  
 • ADVR option is required to use HelloMom™.

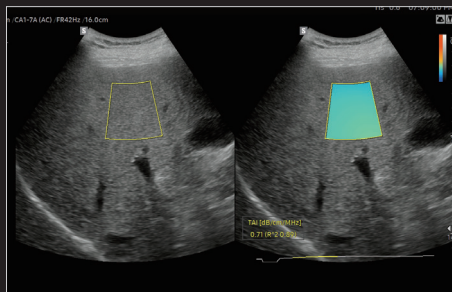
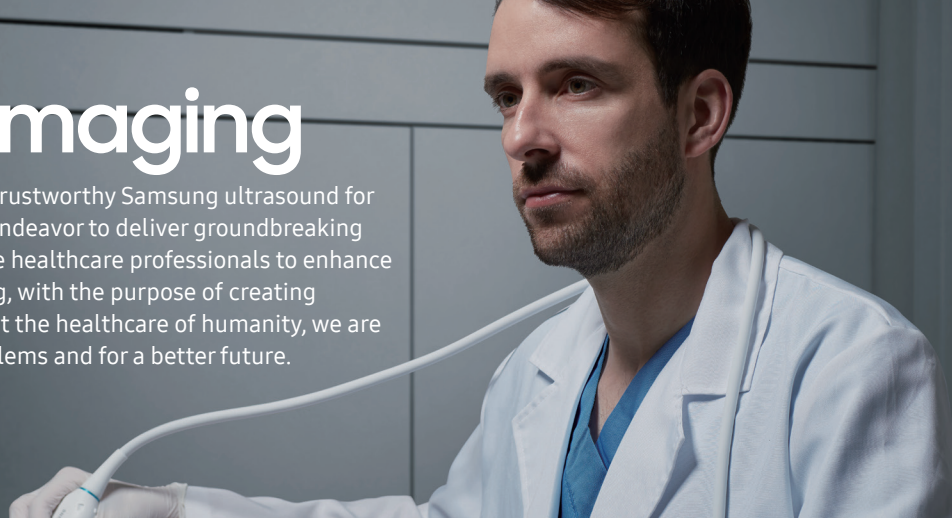


Scan here to learn more



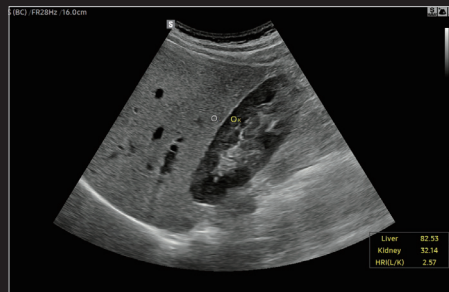
# General Imaging

Experience new innovations with trustworthy Samsung ultrasound for general imaging. We make every endeavor to deliver groundbreaking products and solutions that enable healthcare professionals to enhance diagnostic confidence. At Samsung, with the purpose of creating products and solutions that benefit the healthcare of humanity, we are committed to solving today's problems and for a better future.



## Quantitative measurement of liver fat with ultrasound signal attenuation

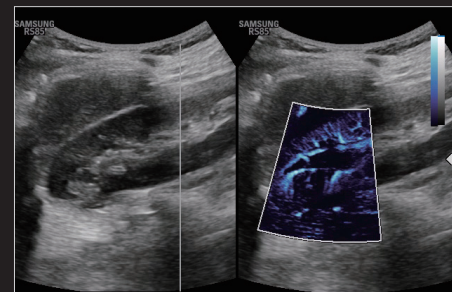
TAI™ provides quantitative tissue attenuation measurement to assess steatotic liver changes.



## Quantify steatosis of a liver



EzHRI™ provides HRI ratio to quantify steatosis of a liver by comparing echogenicity between liver parenchyma with renal cortex.



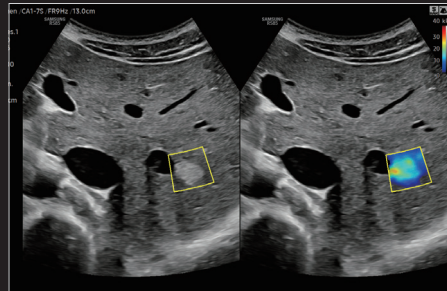
## Visualize slow flow in microvascular structures

MV-Flow™ offers an advanced color imaging for visualizing slow flow of microvascularized structures.



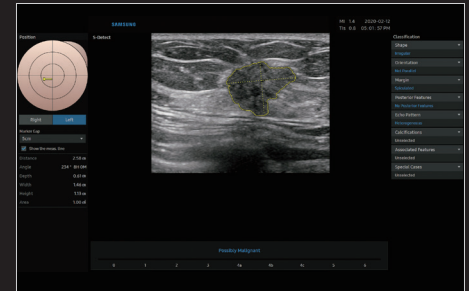
**Show blood flow in vessels in a 3D like display**

**LumiFlow™** visualizes blood flow in three dimensional-like to help understand the structure of blood flow and small vessels intuitively.



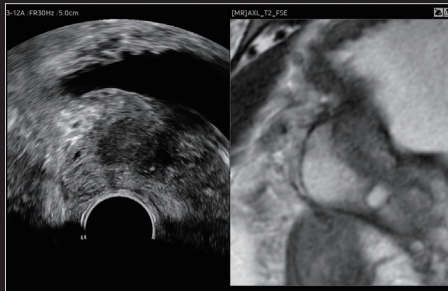
**Display and quantify tissue stiffness in a non-invasive method**

**S-Shearwave Imaging™** allows for non-invasive assessment of the stiffness of tissue/lesions in various applications such as breast, liver, MSK and prostate.



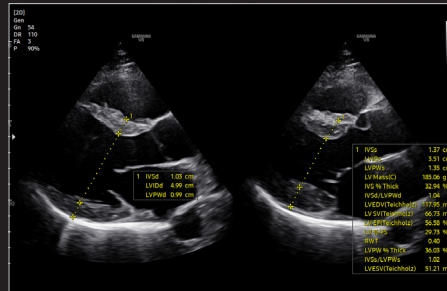
**Analyze selected breast lesions and report breast assessment**

**S-Detect™ for Breast**, which analyzes selected lesions in the breast ultrasound study and shows the analysis data, applies BI-RADS ATLAS\* to provide standardized reporting.



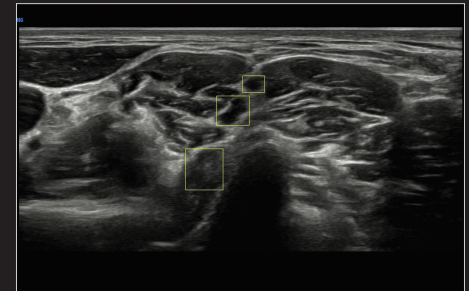
**Allows precise targeting during prostate biopsy**

**S-Fusion™ for Prostate** allows precise targeting during prostate biopsies. Based on 3D models created with MR data sets, S-Fusion™ for Prostate provides biopsy guidance to help safely navigate and target the prostate.



**An automated reporting tool for heart diagnosis**

**HeartAssist™**, a feature based on Deep Learning technology, provides automatic classification of ultrasound image into measurement views required for heart diagnosis and provides measurement results.



**Detect and track nerves automatically with AI technology**

**NerveTrack™**, a feature based on Deep Learning technology, detects and provides information of the location of the nerve area in real-time during ultrasound scanning.

# General Imaging

## RS85 Prestige

The real revolution



Visit  
Website



V2.06

### Amplified imaging technologies

Powered by Crystal Architecture™ (CrystalBeam™, CrystalPure™)

### Sophisticated 2D image processing

ShadowHDR™, HQ-Vision™, PureVision™, S-Harmonic™, ClearVision, MultiVision

### Detailed expression of blood flow dynamics

MV-Flow™<sup>1</sup>, S-Flow™, LumiFlow™<sup>1</sup>

### Advanced intelligence for reliable assessment

EzHRI™<sup>1</sup>, TAI™<sup>1</sup>, TSI™<sup>1</sup>, S-Shearwave Imaging™<sup>1</sup>, S-Detect™<sup>1,3</sup> for Breast/Thyroid

### Precise and Convenient Interventional Solutions

S-Fusion™ for Liver/Prostate<sup>1</sup>, NeedleMate+™

### Enriched diagnostic features

E-Breast™<sup>1</sup>, E-Thyroid™<sup>1</sup>, Strain+<sup>1</sup>, StressEcho<sup>1</sup>, AutoIMT+, AutoEF<sup>1</sup>,  
ArterialAnaysis™<sup>1</sup>, Panoramic+, CEUS+<sup>1</sup>

### Enhanced productivity and facilitated workflow

SonoSync™<sup>1,4</sup>, EzExam+™, EzPrep™, QuickScan™, QuickPreset, RIS Browser,  
Touch customization

### Ergodynamics for your comfort

27-inch OLED monitor<sup>1</sup>, 6 way control panel, Central lock, Maneuverable wheel,  
Gel warmer, 14-inch tilting touch screen



# General Imaging

## V8

Step up confidence



Visit  
Website



V1.03

### Redefined imaging technologies

Powered by Crystal Architecture™ (CrystalBeam™, CrystalLive™)

### Sophisticated 2D image processing

ShadowHDR™, HQ-Vision™<sup>1</sup>, S-Harmonic™, ClearVision, MultiVision

### Detailed expression of blood flow dynamics

MV-Flow™<sup>1</sup>, LumiFlow™<sup>1</sup>, S-Flow™

### Enriched diagnostic features for reliable assessment

S-Shearwave Imaging™<sup>1</sup>, TAI™<sup>1</sup>, TSI™<sup>1</sup>, EzHRI™<sup>1</sup>, S-Detect™<sup>1,3</sup> for Breast/Thyroid, NerveTrack™<sup>1</sup>, HeartAssist™<sup>1</sup>, AutoEF<sup>1</sup>, E-Strain™<sup>1</sup>, StressEcho<sup>1</sup>, AutoIMT+<sup>1</sup>, Panoramic+<sup>1</sup>, CEUS+<sup>1</sup>, ArterialAnalysis™<sup>1</sup>

### Precise and Convenient Interventional Solutions

S-Fusion™<sup>1</sup>, NeedleMate+™<sup>1</sup>

### Enhanced productivity and facilitated workflow

SonoSync™<sup>1,4</sup>, EzExam+™<sup>1</sup>, EzCompare™, QuickScan™, QuickPreset, Expanded view, TouchEdit, BatteryAssist™<sup>1</sup>, Contextual button, QuickSave, EzPrep™

### Ergodynamics for your comfort

23.8-inch LED Monitor, 14-inch tilting touchscreen, Cooling system, Adjustable control panel, Endocavity transducer holder, Gel warmer

## V7

Take what you want



Visit  
Website



V1.03

### Redefined imaging technologies

Powered by Crystal Architecture™ (CrystalBeam™, CrystalLive™)

### Sophisticated 2D image processing

ShadowHDR™, HQ-Vision™<sup>1</sup>, S-Harmonic™, ClearVision, MultiVision

### Detailed expression of blood flow dynamics

MV-Flow™<sup>1</sup>, LumiFlow™<sup>1</sup>, S-Flow™

### Enriched diagnostic features for reliable assessment

S-Shearwave Imaging™<sup>1</sup>, TAI™<sup>1</sup>, TSI™<sup>1</sup>, EzHRI™<sup>1</sup>, S-Detect™<sup>1,3</sup> for Breast/Thyroid, NerveTrack™<sup>1</sup>, HeartAssist™<sup>1</sup>, AutoEF<sup>1</sup>, E-Strain™<sup>1</sup>, StressEcho<sup>1</sup>, AutoIMT+<sup>1</sup>, Panoramic+<sup>1</sup>, CEUS+<sup>1</sup>, ArterialAnalysis™<sup>1</sup>

### Precise and Convenient Interventional Solutions

S-Fusion™<sup>1</sup>, NeedleMate+™<sup>1</sup>

### Enhanced productivity and facilitated workflow

SonoSync™<sup>1,4</sup>, EzExam+™<sup>1</sup>, EzCompare™, QuickScan™, QuickPreset, Expanded view, TouchEdit, BatteryAssist™<sup>1</sup>, Contextual button, QuickSave, EzPrep™

### Ergodynamics for your comfort

21.5-inch LED Monitor (23.8-inch LED Monitor<sup>1</sup>), 14-inch touchscreen, Cooling system, Adjustable control panel, Endocavity transducer holder, Gel warmer



# General Imaging

## HS60

Focus on your needs



Visit  
Website



V2.04

### Redefined imaging technologies

Powered by CrystalLive™

### Sophisticated 2D image processing

HQ-Vision™, S-Harmonic™, ClearVision, MultiVision

### Detailed expression of blood flow dynamics

MV-Flow™<sup>1</sup>, S-Flow™, LumiFlow™<sup>1</sup>

### Enriched diagnostic features and convenient solutions

S-Detect™<sup>1,3</sup> for Breast/Thyroid, E-Strain™<sup>1</sup>, Strain+<sup>1</sup>, AutoEF<sup>1</sup>, StressEcho<sup>1</sup>, AutoIMT+<sup>1</sup>, Panoramic<sup>1</sup>, NeedleMate+™<sup>1</sup>, CEUS+<sup>1</sup>

### Enhanced productivity and facilitated workflow

EzExam+™, EzCompare™, QuickScan™, QuickPreset, Measure Navigation, BatteryAssist™<sup>1</sup>

### Ergonomics for your comfort and productivity

21.5-inch LED monitor, 10.1-inch touch screen, Adjustable control panel, Transducer cable hangers, Gel warmer<sup>1</sup>

## HS50

Simple yet powerful



Visit  
Website



V2.04

### Redefined imaging technologies

Powered by CrystalLive™

### Sophisticated 2D image processing

HQ-Vision™, S-Harmonic™, ClearVision, MultiVision

### Detailed expression of blood flow dynamics

S-Flow™, LumiFlow™<sup>1</sup>

### Enriched diagnostic features and convenient solutions

S-Detect™<sup>1,3</sup> for Breast/Thyroid, E-Strain™<sup>1</sup>, Strain+<sup>1</sup>, AutoEF<sup>1</sup>, StressEcho<sup>1</sup>, AutoIMT+<sup>1</sup>, Panoramic<sup>1</sup>, NeedleMate+™<sup>1</sup>

### Enhanced productivity and facilitated workflow

EzExam+™, EzCompare™, QuickScan™, QuickPreset, Measure Navigation, BatteryAssist™<sup>1</sup>

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21.5-inch LED monitor, 10.1-inch touch screen, Adjustable control panel, Transducer cable hangers, Gel warmer<sup>1</sup>

# General Imaging

## HS40

Establish everyday efficiency



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V1.05

### Redefined imaging technologies

Powered by CrystalLive™

### Sophisticated 2D image processing

HQ-Vision™, S-Harmonic™, ClearVision, MultiVision

### Detailed expression of blood flow dynamics

S-Flow™

### Enriched diagnostic features and convenient solutions

S-Detect™<sup>1,3</sup> for Breast, E-Strain™<sup>1</sup>, Strain+<sup>1</sup>, StressEcho<sup>1</sup>, AutoIMT+<sup>1</sup>, Panoramic+<sup>1</sup>, NerveTrack™<sup>1</sup>, NeedleMate+™<sup>1</sup>

### Enhanced productivity and facilitated workflow

EzExam+™<sup>1</sup>, EzCompare™, EzAssist™<sup>1</sup>, QuickScan™, QuickPreset, Measure Navigation, BatteryAssist™<sup>1</sup>

### Ergonomics for your comfort and productivity

21.5-inch LED monitor, 10.1-inch touch screen, Adjustable control panel, Gas lift, Side storage<sup>1</sup>, Rear tray<sup>1</sup>, Endocavity transducer holder<sup>1</sup>, Gel warmer<sup>1</sup>, SSD drive, Print cover<sup>1</sup>

## HS30

Value for the basics



Visit  
Website



V1.02

### Redefined imaging technologies

Powered by CrystalLive™

### Sophisticated 2D image processing

S-Harmonic™, ClearVision, MultiVision<sup>1</sup>

### Detailed expression of blood flow dynamics

S-Flow™

### Enriched diagnostic features and convenient solutions

E-Strain™<sup>1</sup>, Strain+<sup>1</sup>, AutoIMT+<sup>1</sup>, Panoramic<sup>1</sup>, NeedleMate+™<sup>1</sup>

### Enhanced productivity and facilitated workflow

EzExam+™<sup>1</sup>, EzCompare™, EzAssist™<sup>1</sup>, QuickScan™

### Ergonomics for your comfort and productivity

21.5-inch LED monitor, Side storage<sup>1</sup>, Rear tray<sup>1</sup>, Transducer cable hangers, Gel warmer<sup>1</sup>, Keyboard & keyskin<sup>1</sup>

## General Imaging

# HM70 EVO

Mobile excellence



Visit  
Website



V1.01

### **Sophisticated 2D image processing**

HQ-Vision™, S-Harmonic™, ClearVision, MultiVision

### **Detailed expression of blood flow dynamics**

S-Flow™

### **Enriched diagnostic features**

ElastoScan™<sup>1,2</sup>, Strain+<sup>1</sup>, StressEcho<sup>1</sup>, AutoIMT+<sup>1</sup>, NeedleMate+™<sup>1</sup>, Panoramic+<sup>1</sup>

### **Enhanced productivity and facilitated workflow**

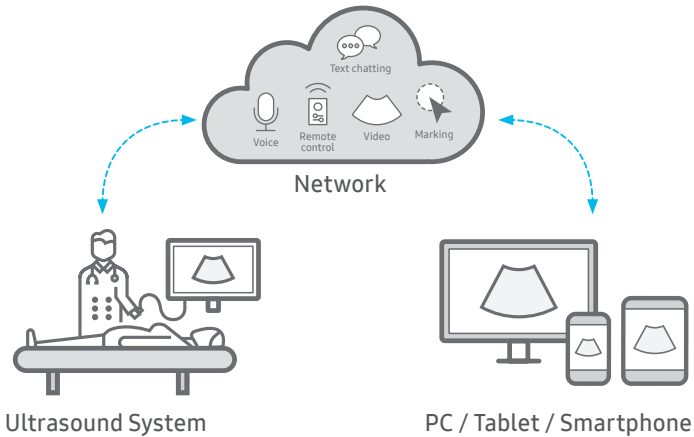
EzExam+™<sup>1</sup>, EzCompare™, EzAssist™<sup>1</sup>, Barcode Scanner, QPath™, QuickScan™, Full Screen, QuickPreset, Measure Navigation

### **Ergodynamics for your comfort and productivity**

Cart (Gas lift, On cart power outlets<sup>1</sup>, Built-in printer storages, Built-in power supply, 3 extension ports support), 15-inch LCD monitor

# Real-time image streaming, discussion, and remote control of ultrasound system

SonoSync™ is available in PC and smartphone, etc. as a real-time image share solution that allows communication for care guide and training between doctors and sonographers. In addition, voice chatting, text chatting and real-time marking functions are provided for better communication; and the MultiVue function is included that allows monitoring multiple ultrasound images on a single screen.



\* SonoSync™ is an image sharing solution.



Scan here to watch  
the SonoSync™ video



# Cardiovascular

Samsung's powerful cardiovascular ultrasound system combines exquisite image quality with a streamlined user interface enabled by the Intelligent Assist tools. Samsung is continuously seeking new ways to elevate diagnostic confidence with greater image clarity, enhanced accuracy, and improved work efficiency.







## Cardiovascular

### RS85 Prestige

The real revolution



Visit  
Website



V2.06

#### Amplified imaging technologies

Powered by Crystal Architecture™ (CrystalBeam™, CrystalPure™)

#### Sophisticated 2D image processing

S-Harmonic™, ClearVision, MultiVision

#### Detailed expression of blood flow dynamics

S-Flow™, LumiFlow™<sup>1</sup>, MV-Flow™<sup>1</sup>

#### Enriched diagnostic features

Strain+<sup>1</sup>, StressEcho<sup>1</sup>, ArterialAnalysis™<sup>1</sup>, AutoIMT+, AutoEF<sup>1</sup>

#### Enhanced productivity and facilitated workflow

SonoSync™<sup>1/4</sup>, EzExam+™, EzPrep™, QuickScan™, QuickPreset, RIS Browser, Touch customization

#### Ergodynamics for your comfort

27-inch OLED monitor<sup>1</sup>, 14-inch tilting touch screen, 6 way control panel, Central lock, Maneuverable wheel, Gel warmer

### RS80 EVO

Exceptional confidence



Visit  
Website



V1.04

#### Amplified imaging technologies

Powered by CrystalPure™

#### Sophisticated 2D image processing

S-Harmonic™, ClearVision, MultiVision

#### Detailed expression of blood flow dynamics

S-Flow™, LumiFlow™<sup>1</sup>, MV-Flow™<sup>1</sup>

#### Enriched diagnostic features

Strain+<sup>1</sup>, StressEcho<sup>1</sup>, ArterialAnalysis™<sup>1</sup>, AutoIMT+<sup>1</sup>, AutoEF<sup>1</sup>

#### Enhanced productivity and facilitated workflow

SonoSync™<sup>1/4</sup>, EzExam+™, QuickScan™, QuickPreset, Touch customization

#### Ergodynamics for your comfort

27-inch OLED monitor<sup>1</sup>, 14-inch tilting touch screen, 6 way control panel, Central lock, Maneuverable wheel, Gel warmer

# Cardiovascular

## V8

Step up confidence



Visit  
Website



V1.03

### Redefined imaging technologies

Powered by Crystal Architecture™ (CrystalBeam™, CrystalLive™)

### Sophisticated 2D image processing

S-Harmonic™, ClearVision, MultiVision

### Detailed expression of blood flow dynamics

MV-Flow™<sup>1</sup>, LumiFlow™, S-Flow™

### Enriched diagnostic features

HeartAssist™<sup>1</sup>, Strain+<sup>1</sup>, AutoEF<sup>1</sup>, StressEcho<sup>1</sup>, ArterialAnaysis™<sup>1</sup>, AutoIMT+<sup>1</sup>

### Enhanced productivity and facilitated workflow

SonoSync™<sup>1,4</sup>, EzExam+™<sup>1</sup>, EzCompare™, QuickScan™, QuickPreset, Expanded view, TouchEdit, BatteryAssist™<sup>1</sup>, Contextual button, QuickSave, EzPrep™

### Ergodynamics for your comfort

23.8-inch LED Monitor, 14-inch tilting touchscreen, Cooling system, Adjustable control panel, Gel warmer

## V7

Take what you want



Visit  
Website



V1.03

### Redefined imaging technologies

Powered by Crystal Architecture™ (CrystalBeam™, CrystalLive™)

### Sophisticated 2D image processing

S-Harmonic™, ClearVision, MultiVision

### Detailed expression of blood flow dynamics

MV-Flow™<sup>1</sup>, LumiFlow™, S-Flow™

### Enriched diagnostic features

HeartAssist™<sup>1</sup>, Strain+<sup>1</sup>, AutoEF<sup>1</sup>, StressEcho<sup>1</sup>, ArterialAnaysis™<sup>1</sup>, AutoIMT+<sup>1</sup>

### Enhanced productivity and facilitated workflow

SonoSync™<sup>1,4</sup>, EzExam+™<sup>1</sup>, EzCompare™, QuickScan™, QuickPreset, Expanded view, TouchEdit, BatteryAssist™<sup>1</sup>, Contextual button, QuickSave, EzPrep™

### Ergodynamics for your comfort

21.5-inch LED Monitor (23.8-inch LED Monitor<sup>1</sup>), 14-inch touchscreen, Cooling system, Adjustable control panel, Gel warmer

# Cardiovascular

## HS60

Focus on your needs



Visit  
Website



V2.04

### Redefined imaging technologies

Powered by CrystalLive™

### Sophisticated 2D image processing

S-Harmonic™, ClearVision, MultiVision

### Detailed expression of blood flow dynamics

S-Flow™, LumiFlow™<sup>1</sup>, MV-Flow™<sup>1</sup>

### Enriched diagnostic features

Strain+<sup>1</sup>, AutoEF<sup>1</sup>, StressEcho<sup>1</sup>, AutoIMT+<sup>1</sup>

### Enhanced productivity and facilitated workflow

EzExam+™, EzCompare™, QuickScan™, QuickPreset, Measure Navigation, BatteryAssist™<sup>1</sup>

### Ergodynamics for your comfort and productivity

21.5-inch LED monitor, 10.1-inch touch screen, Adjustable control panel, Transducer cable hangers, Gel warmer<sup>1</sup>

## HS50

Simple yet powerful



Visit  
Website



V2.04

### Redefined imaging technologies

Powered by CrystalLive™

### Sophisticated 2D image processing

S-Harmonic™, ClearVision, MultiVision

### Detailed expression of blood flow dynamics

S-Flow™, LumiFlow™<sup>1</sup>

### Enriched diagnostic features

Strain+<sup>1</sup>, AutoEF<sup>1</sup>, StressEcho<sup>1</sup>, AutoIMT+<sup>1</sup>

### Enhanced productivity and facilitated workflow

EzExam+™, EzCompare™, QuickScan™, QuickPreset, Measure Navigation, BatteryAssist™<sup>1</sup>

### Ergodynamics for your comfort and productivity

21.5-inch LED monitor, 10.1-inch touch screen, Adjustable control panel, Transducer cable hangers, Gel warmer<sup>1</sup>

# Cardiovascular

## HS40

Establish everyday efficiency



Visit  
Website



V1.05

### Redefined imaging technologies

Powered by CrystalLive™

### Sophisticated 2D image processing

S-Harmonic™, ClearVision, MultiVision

### Detailed expression of blood flow dynamics

S-Flow™, LumiFlow™<sup>1</sup>

### Enriched diagnostic features

Strain+<sup>1</sup>, StressEcho<sup>1</sup>, AutoIMT+<sup>1</sup>

### Enhanced productivity and facilitated workflow

EzExam+™<sup>1</sup>, EzCompare™, EzAssist™<sup>1</sup>, QuickScan™, QuickPreset, Measure Navigation, BatteryAssist™<sup>1</sup>

### Ergonomics for your comfort and productivity

21.5-inch LED monitor; 10.1-inch touch screen, Adjustable control panel, Gas lift, Side storage<sup>1</sup>, Rear tray<sup>1</sup>, Endocavity transducer holder<sup>1</sup>, Gel warmer<sup>1</sup>, SSD drive, Print cover<sup>1</sup>

## HS30

Value for the basics



Visit  
Website



V1.02

### Redefined imaging technologies

Powered by CrystalLive™

### Sophisticated 2D image processing

S-Harmonic™, ClearVision, MultiVision<sup>1</sup>

### Detailed expression of blood flow dynamics

S-Flow™, LumiFlow™<sup>1</sup>

### Enriched diagnostic features

Strain+<sup>1</sup>, AutoIMT+<sup>1</sup>

### Enhanced productivity and facilitated workflow

EzExam+™<sup>1</sup>, EzCompare™, EzAssist™<sup>1</sup>, QuickScan™

### Ergonomics for your comfort and productivity

21.5-inch LED monitor, Side storage<sup>1</sup>, Rear tray<sup>1</sup>, Transducer cable hangers, Gel warmer<sup>1</sup>, Keyboard & keyskin<sup>1</sup>

# Cardiovascular

## HM70 EVO

Mobile excellence



Visit  
Website



V1.01

### Sophisticated 2D image processing

S-Harmonic™, ClearVision, MultiVision

### Detailed expression of blood flow dynamics

S-Flow™

### Enriched diagnostic features

Strain+<sup>1</sup>, StressEcho<sup>1</sup>, AutoIMT+<sup>1</sup>

### Enhanced productivity and facilitated workflow

EzExam+™<sup>1</sup>, EzCompare™, EzAssist™<sup>1</sup>, Barcode Scanner, QPath™, QuickScan™, Full Screen, QuickPreset, Measure Navigation

### Ergodynamics for your comfort and productivity

Cart (Gas lift, On cart power outlets<sup>1</sup>), Built-in printer storages, Built-in power supply, 3 extension ports support), 15-inch LCD monitor

## Samsung Healthcare Cybersecurity

### Bringing peace of mind to your hospital and patients

To address the 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  
(Anti-virus & Firewall)  
Secured operating system



### Access Control

Strengthened surveillance for tracking the access of patient information

Account management  
Audit trail



### Data Protection

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

Data encryption  
Transmission security



Scan here  
to learn more

# Everyday Sustainability



[Learn More](#)



## Eco Packaging

Reusable packaging composed of eco-friendly recycled paper. It is Samsung's commitment to achieving carbon-neutral of the earth and environment.

EPE\* Packaging



Recycled Paper Packaging



\* EPE : Expanded Polyethylene



## Recycled Materials

Eco-friendly resin cover is applied to the air vent exterior cover, outlining Samsung's efforts towards a greener tomorrow.



\* These images shown are for better understanding and illustration purposes only.



#### About Samsung Medison CO., LTD.

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 confident diagnosis.

- \* This product, features, options and transducers may not be commercially available in some countries.
- \* Sales and shipments are effective only after the approval by the regulatory affairs.  
Please contact your local sales representative for further details.
- \* All of the products in this catalog are medical devices, please read the user manual carefully before use.
- \* Prestige is not a product name but is a marketing terminology.
- \* Elite is not a product name but is a marketing terminology.
- \* The Built-in Chair (iChair) displayed with HERA I10 is an independent product designed to be compatible with HERA I10.

1. Optional feature which may require additional purchase.
2. Strain value for ElastoScan+™ is not applicable in Canada and the United States.
3. In the United States, only shape and orientation items for S-Detect™ are automatically provided.  
Also the recommendations about whether results are benign or malignant in S-Detect™ are not applicable.
4. SonoSync™ is an image sharing solution.



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