

SAMSUNG

Samsung Ultrasound System for Veterinary Care



Sophisticated 2D Image Processing

Provide uniform imaging performance of overall image area

S-Harmonic™ mitigates the signal noise, enhances contrast, and provides uniform image performance of overall image area from near-to-far.

Reduce noise to improve 2D image quality

The noise reduction filter enhances the edge contrast and creates sharp 2D images for optimal diagnostic performance. In addition, **ClearVision** provides application-specific optimization and advanced temporal resolution in live scan mode.

Enhance hidden structures in shadowed regions

ShadowHDR™ selectively applies high-frequency and low-frequency of the ultrasound to identify shadow areas where attenuation occurs.

Clean up blurry areas in the image

HQ-Vision™ provides clearer images by mitigating the characteristics of ultrasound images that are slightly blurred than the actual vision.



Abdomen without S-Harmonic™^a



Abdomen with S-Harmonic™^a



Kidney without ClearVision™^b



Kidney with ClearVision™^b

Detailed Expression of Blood Flow Dynamics

Examine peripheral vessels with directional Power Doppler

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

Visualize slow flow in microvascular structures

MV-Flow™ offers an advanced color imaging for visualizing slow flow of microvascularized structures. High frame rates and advanced filtering enable MV-Flow™ to provide a detailed view of blood flow in relation to surrounding tissue or pathology with enhanced spatial resolution.

Show blood flow in vessels in a 3D like display

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

Enriched Diagnostic Features

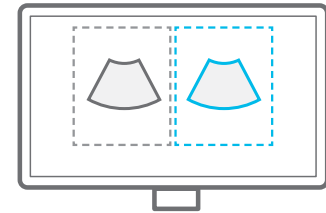
Display and quantify tissue stiffness in a non-invasive method

S-Shearwave Imaging™ allows for non-invasive assessment of stiff tissues in various applications. The color-coded elastogram, quantitative measurements, display options, and user-selectable ROI functions are useful for accurate diagnosis of various regions.



Optimize image with one touch of the button

QuickScan™ technology provides intuitive optimization of both grayscale and Doppler parameters.



Compare previous and current exam in a side-by-side display

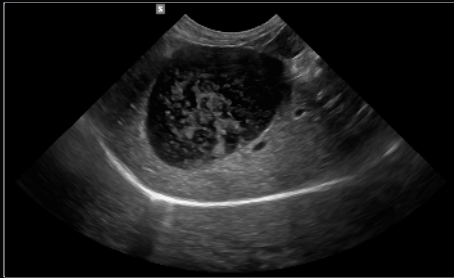
EzCompare™ automatically matches the image settings, annotations, and bodymarkers from the prior study.



Select transducer and preset combinations in one click

QuickPreset allows the user to select the most common transducer and preset combinations in one click.

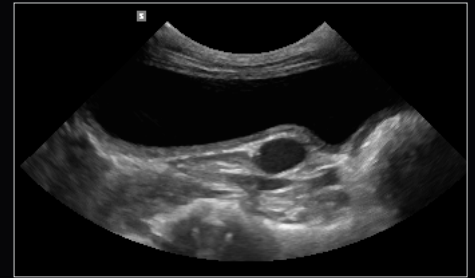
Diverse Clinical Cases and Veterinary Types



Liver^a



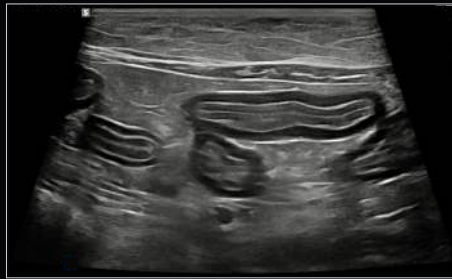
Kidney^a



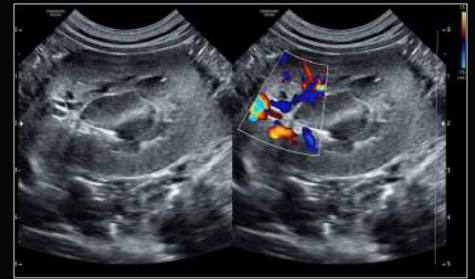
Bladder^b



Bowel^b



Small Intestine^a



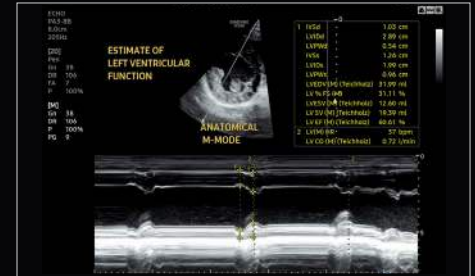
Kidney^d



Cardiac ^c



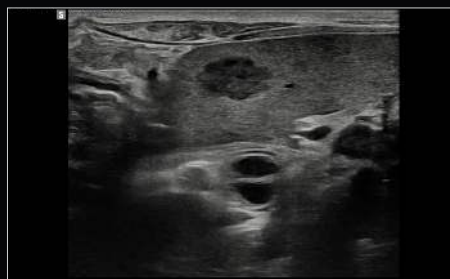
Cardiac Color Mode ^b



Cardiac M Mode ^c



Cardiac ^a



Spleen ^a



Liver ^b

RS85 Prestige

The Real Revolution

RS85 Prestige has been revolutionized with novel diagnostic features across each application based on the preeminent imaging performance. The advanced intellectual technologies are to help you confirm with confidence for challenging cases, while the easy-to-use system supports your effort involved in the routine scanning.

Sophisticated 2D Image Processing

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

Detailed Expression of Blood Flow Dynamics

MV-Flow™¹, S-Flow™, LumiFlow™¹, CEUS+¹

Enriched Diagnostic Features & Interventional Solutions

ElastoScan™^{1, 2}, S-Shearwave™¹, S-Shearwave Imaging™¹, Strain+¹



CA4-10M

CA3-10A

LA2-14A

PA1-5A

PA3-8B

PA4-12B

V8

Step up Confidence

The V8 ultrasound system combines exquisite imaging quality powered by Crystal Architecture™ with efficient, streamlined examination enabled by Intelligent Assist tools, and re-engineered workflow to fulfill the needs of today's busy clinical environment.

Redefined Imaging Technologies

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

Sophisticated 2D Image Processing & Detailed Color Expression

ShadowHDR™, HQ-Vision™¹, ClearVision, S-Flow™, MV-Flow¹, LumiFlow™¹

Enriched Diagnostic Features

ElastoScan™^{1, 2}, S-Shearwave™¹, S-Shearwave Imaging™¹, Strain+¹



CA4-10M



LA2-14A



PA1-5A



PA3-8B

HS60

Focus on Your Needs

Extend diagnostic boundaries with a versatile ultrasound HS60. It enables users to diagnose with accuracy for various anatomies using dedicated and advanced features.

Sophisticated 2D Image Processing

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

Detailed Expression of Blood Flow Dynamics

MV-Flow™¹, S-Flow™, LumiFlow™¹

Enriched Diagnostic Features & Interventional Solutions

ElastoScan™^{1,2}, Strain+¹, Panoramic+, NeedleMate™

Enhanced Productivity and Facilitated Workflow

EzExam+™, EzCompare™, QuickScan™, QuickPreset, BatteryAssist™

Ergonomics for Your Comfort

Adjustable Control Panel, Transducer Cable Hangers, Gel Warmer¹, SSD Drive, BatteryAssist™¹, 21.5-inch LCD Monitor, 10.1-inch Touch Screen

HS50

Simple yet Powerful

Samsung Ultrasound HS50 is the practical choice for superior imaging and enhanced workflow. Experience Samsung's advanced imaging technologies including S-Harmonic™ and other solutions.

Sophisticated 2D Image Processing

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

Detailed Expression of Blood Flow Dynamics

S-Flow™, LumiFlow™¹

Enriched Diagnostic Features & Interventional Solutions

ElastoScan™^{1, 2}, Strain+¹, Panoramic+¹, NeedleMate™

Enhanced Productivity and Facilitated Workflow

EzExam+™, EzCompare™, QuickScan™, QuickPreset, BatteryAssist™

Ergonomics for Your Comfort

Adjustable Control Panel, Transducer Cable Hangers, Gel Warmer¹, SSD Drive, BatteryAssist™¹



CA4-10M

LA3-16AD

PA1-5A

PA3-8B

PA4-12B

HS40

Establish Everyday Efficiency

Samsung's advanced yet budget-friendly tools, previously exclusive to our platforms, can enhance various application exam capabilities for efficient and effective care.

Sophisticated 2D Image Processing

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

Detailed Expression of Blood Flow Dynamics

S-Flow™

Enriched Diagnostic Features & Interventional Solutions

ElastoScan™^{1, 2}, Strain+¹, Panoramic+¹, NeedleMate™

Enhanced Productivity and Facilitated Workflow

EzExam+™, EzCompare™, QuickScan™, QuickPreset, MeasureNavigation

Ergonomics for Your Comfort

Adjustable Control Panel, Gas Lift, Side Storage¹, Rear Tray¹, Gel Warmer¹, SSD Drive, BatteryAssist™¹, Print Cover¹



HS30

Value for Basic

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

Sophisticated 2D Image Processing

S-Harmonic™, ClearVision, MultiVision

Detailed Expression of Blood Flow Dynamics

S-Flow™

Enriched Diagnostic Features& Interventional Solutions

ElastoScan™^{1,2}, Strain+¹, Panoramic+¹, NeedleMate™

Enhanced Productivity and Facilitated Workflow

EzExam+™, EzCompare™, QuickScan™

Ergonomics for Your Comfort

Side Storage¹, Rear Tray¹, Transducer Cable Hangers, Gel Warmer¹, Keyboard & Keyskin¹, 21.5-inch LCD Monitor



CA4-10M

HM70 EVO

Mobile Excellence

The HM70 EVO ultrasound system is a high-performance hand-carried ultrasound system, evolved to support a diverse range of applications and patients. The system has streamlined workflow, durability, and high resolution imaging that can be used in a variety of clinical situations.

Sophisticated 2D Image Processing

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

Detailed Expression of Blood Flow Dynamics

S-Flow™

Enriched Diagnostic Features & Interventional Solutions

ElastoScan™^{1, 2}, Strain+¹, Panoramic+, NeedleMate™

Enhanced Productivity and Facilitated Workflow

EzExam+™, EzCompare™, QuickScan™, QuickSave

Ergonomics for Your Comfort

Premium Cart (Gas Lift, On Cart Power Outlets), Extended Transducer Ports, Extended Battery, Keyskin, Side Storage, Front Handle, Carrier Package, 15-inch LCD Monitor



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.

* The products, 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.

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

* Prestige is not a product name but is a marketing terminology.

1. Optional feature which may require additional purchase.
2. Strain value for ElastoScan+™ is not applicable in Canada and the United States.
3. SonoSync™ is an image sharing solution.

- a. Image acquired by RS85 Prestige ultrasound system.
- b. Image acquired by V8 ultrasound system.
- c. Image acquired by HS60 ultrasound system.
- d. Image acquired by HS40 ultrasound system.