

Relentless Innovation
for your diagnostic confidence

SAMSUNG



V8 ONE

Step up confidence



Product Inquiry

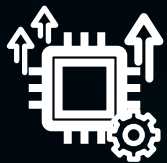
For General Imaging

V8 ONE

For us, this was more than just an evolution. It was about empowering your expertise and building a new level of diagnostic trust. By blending a unified workflow with intuitive technology, we created a supportive foundation so you can focus on what truly matters: your diagnosis, and your patient.

ONE Seamless Experience

One intuitive path that unites complex workflows, enabling a deeper focus on diagnosis.



Upgraded core CPU & OS
Unified premium UI

ONE Confident Result

Turning operator variability into trusted outcomes, with AI as your partner in diagnostic confidence.



Live LiverAssist™, AbdomenAssist™, BladderAssist™,
ProstateAssist™, BowelAssist™

ONE Touch to Simplify

Streamlining complex processes to a single touch, reclaiming time for patient connection.

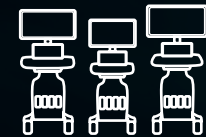
ONE CLICK



EzStructure™, EzFlow™

ONE Standard of Quality

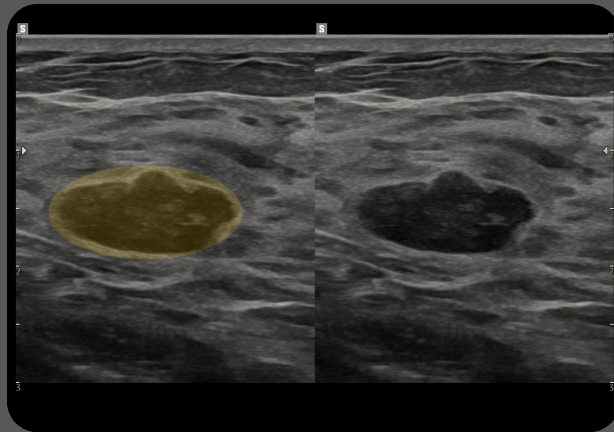
Guided by a commitment to quality, our goal is a more consistent and trusted level of care.



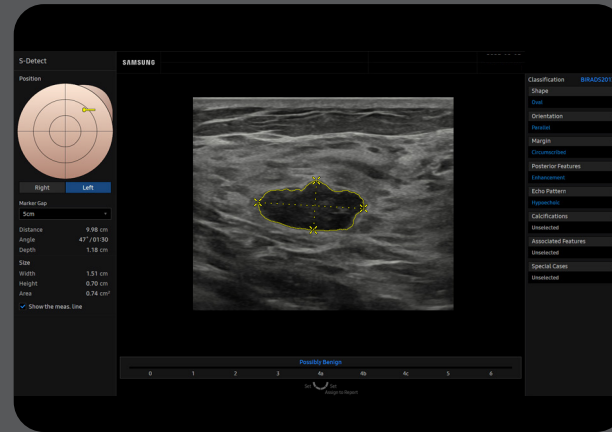
V-Series ONE Platform

Feature-rich capabilities for diverse clinical cases

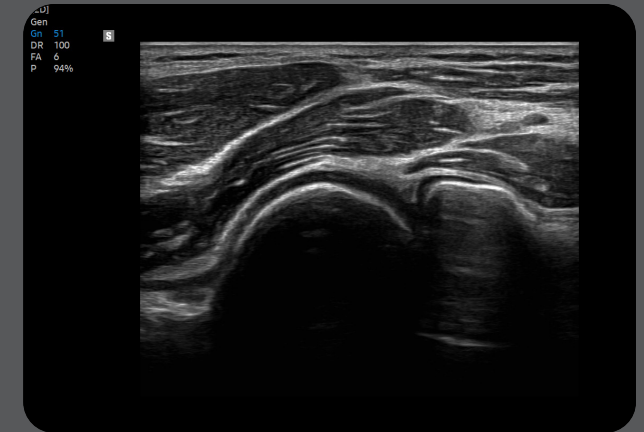
V8 ONE includes a range of tools for diverse clinical cases and patient types. The highly adaptable system with high-precision features helps healthcare professionals effectively perform targeted examinations.



Live BreastAssist™



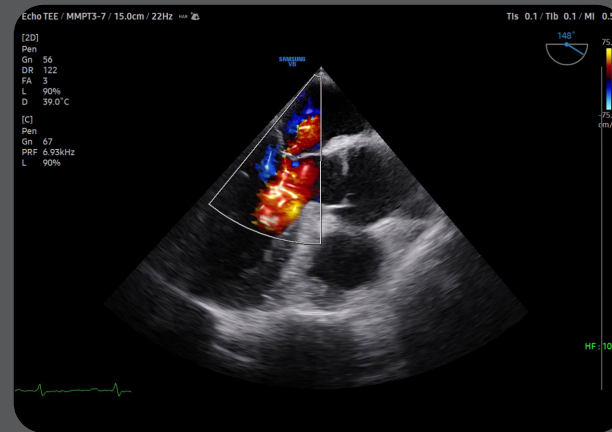
S-Detect™ for Breast



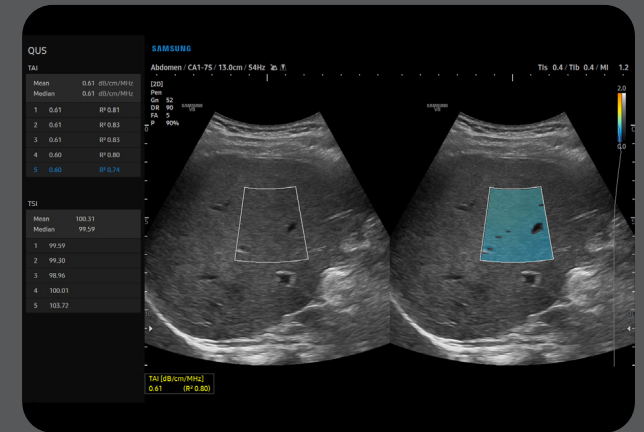
Elbow with HQ-Vision™



Strain+



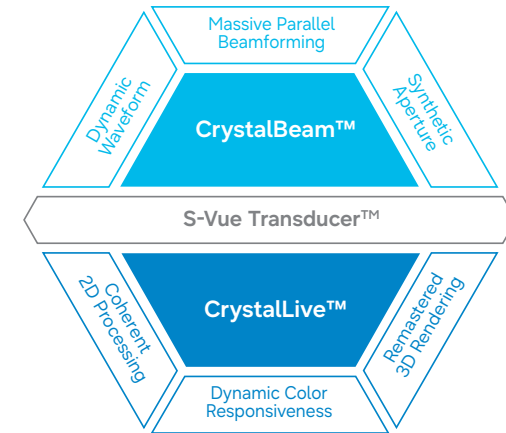
Mitral regurgitation with LumiFlow™
in ME LAX view on MMPT3-7



TAI™ (Tissue Attenuation Imaging)

Exquisite imaging quality for reliability and confidence

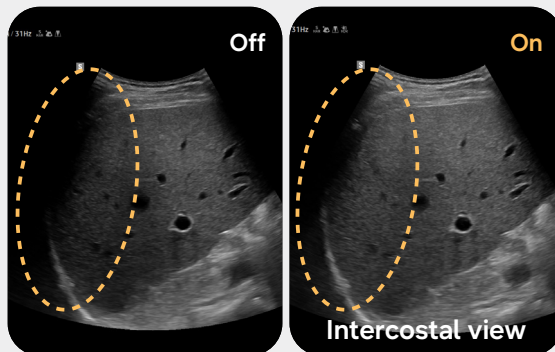
Gain insight into the problem based on exceptional image performance powered by Samsung's core imaging engine, Crystal Architecture™. The premium imaging engine combines the benefits of enhanced 2D image processing and detailed expression of color signal processing.



Crystal Architecture™

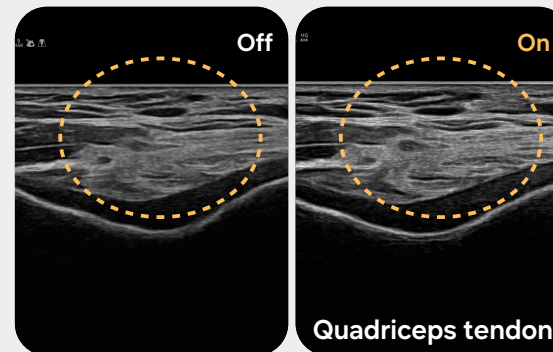
Enhance hidden structures in shadowed regions

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



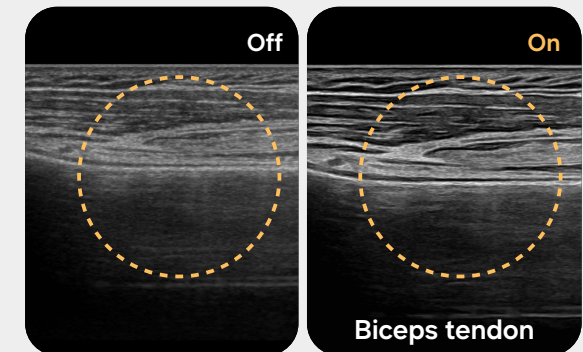
Clean up blurry areas in the image

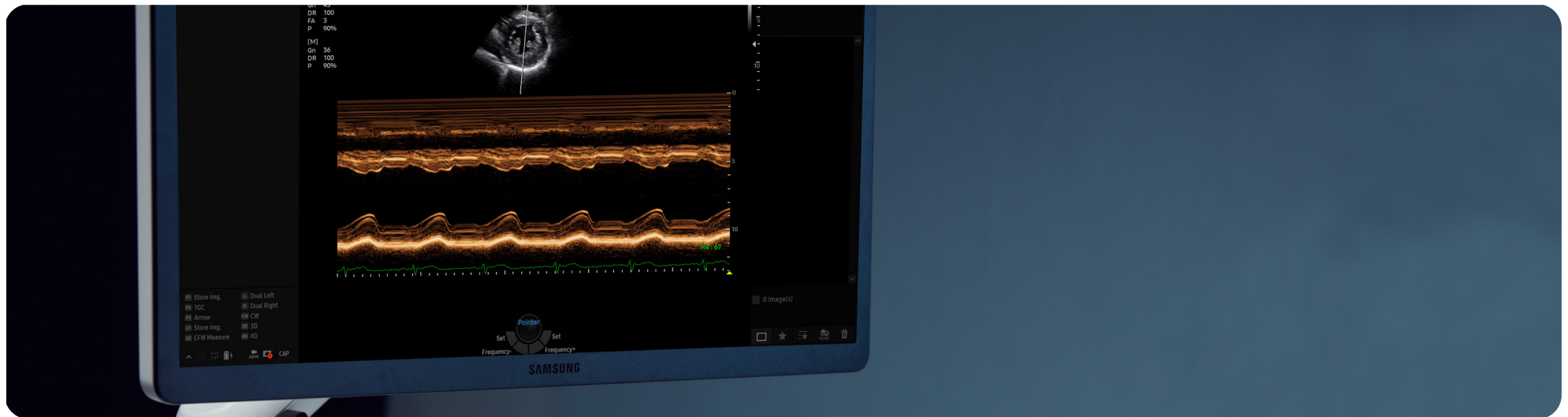
HQ-Vision™ ¹provides clearer images by mitigating the characteristics of ultrasound images that are slightly blurred than the actual vision.



Reduce noise to improve 2D image quality

ClearVision enhances the edge contrast and creates sharp 2D images for optimal diagnostic performance.





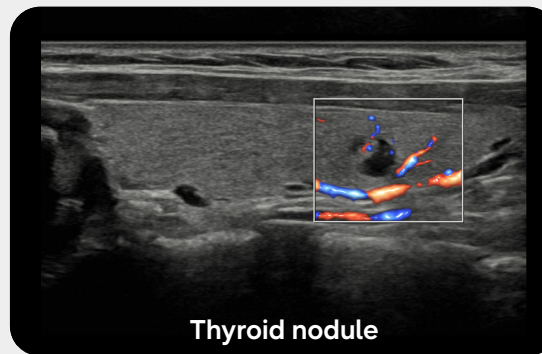
Visualize slow flow in microvascular structures

MV-Flow™ ¹ visualizes microcirculatory and slow blood flow to display the intensity of blood flow in color.



Show blood flow in vessels in a 3D like display

LumiFlow™ ¹ is a function that visualizes blood flow in 3 dimensional-like to help understand the structure of blood flow and small vessels intuitively.



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.



Intelligent Assist tools for efficient examination

Simplify operation and enhance diagnostic confidence with built-in Intelligent Assist features. V8 ONE supports healthcare professionals with automated features they need to help make decisions. The system is equipped with a range of tools that help accurately diagnose issues and achieve greater throughput.

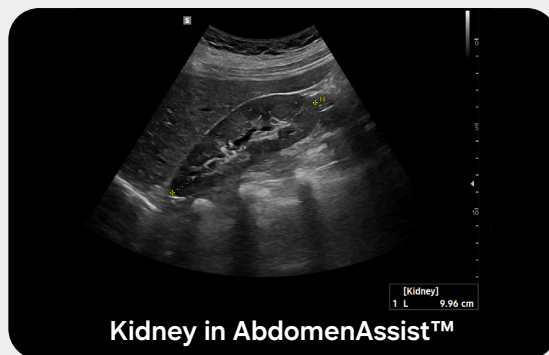
NEW From recognition to result, instant AI-powered measurements

Based on Deep Learning technology, it measures the size of the interested organ, thereby reducing user variability and simplifying workflow.

* Target : Kidney, Spleen, Bladder, Prostate, Bowel



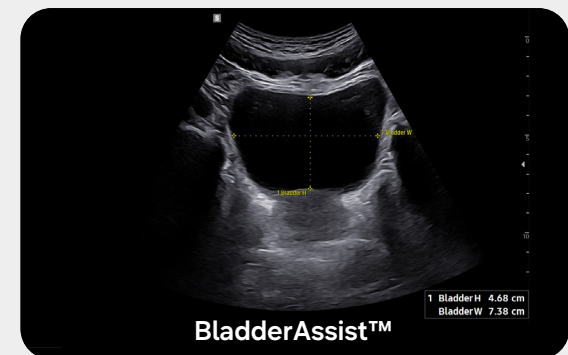
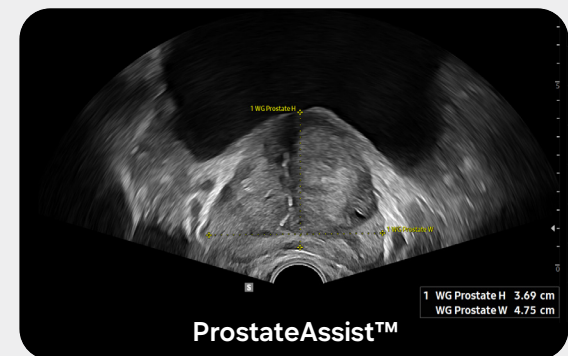
Reduced keystrokes by approximately 75% compared to manual input



Reduced keystrokes by approximately 75% compared to manual input



Reduced keystrokes by approximately 85% compared to manual input



Quantitative measurement of liver fat with ultrasound signal

TAI™¹ (Tissue Attenuation Imaging) provides quantitative tissue attenuation measurement to assess steatotic liver changes.

TSI™¹ (Tissue Scatter distribution Imaging) provides quantitative tissue scatter distribution measurement to assess steatotic liver changes.

Quantify wall motion of the LV, LA, and RV

Strain+¹ is a quantitative tool for measuring global and segmental wall motion of the left ventricle(LV), left atrium(LA), and right ventricle(RV) for systolic and diastolic function of heart.

Analyze selected breast lesions and report breast assessment

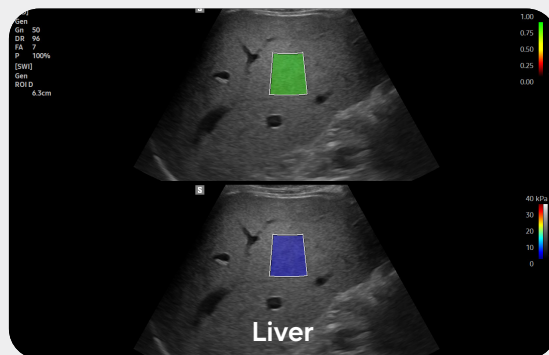


S-Detect™^{1,4} for Breast analyzes selected lesions in the breast ultrasound study and shows the analysis data, applies BI-RADS ATLAS* to provide standardized reporting; and helps diagnosis with the streamlined workflow.

* Breast Imaging-Reporting and Data System, Atlas
It is a registered trademark of ACR and all rights reserved by ACR.

Display and quantify tissue stiffness in a non-invasive method

S-Shearwave Imaging™¹ allows the 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.

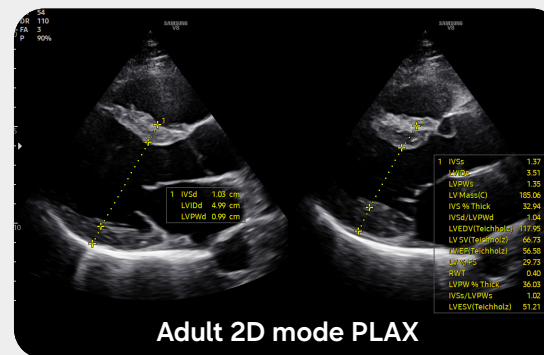


An automated reporting tool for heart diagnosis



HeartAssist™¹, a feature based on Deep Learning technology, provides automatic classification of ultrasound image into measurement views required for heart diagnosis and provides measurement results.

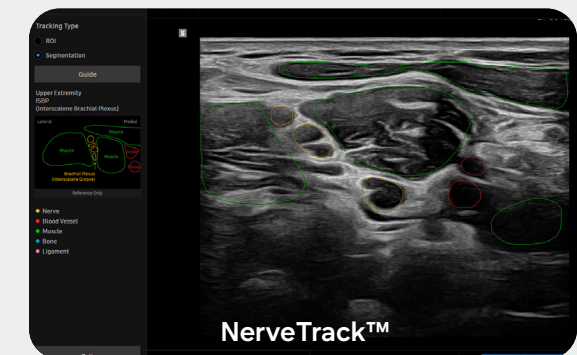
Reduced keystrokes by approximately 94% compared to manual input



Detect and track nerves automatically with AI technology

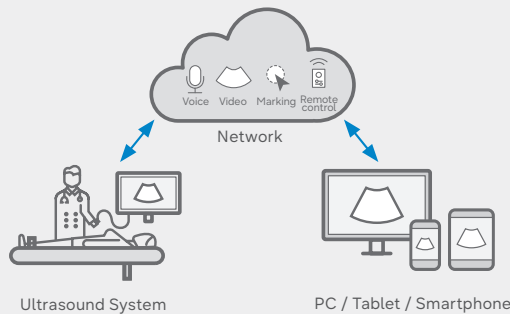


NerveTrack™¹, a feature based on Deep Learning technology, detects and provides information of the location of the nerve area in real-time during ultrasound scanning.



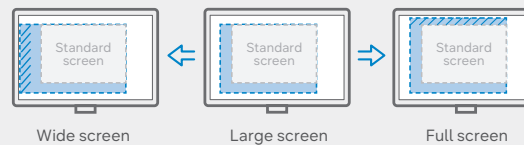
Re-engineered workflow and design for a simplified process

Ease your day by streamlining workflow with V8 ONE's convenient features that reduce multiple tasks into just a few steps and keystrokes. How we display the scan data more easily and precisely is an important focus for the user experience. The ergonomic design makes effective use of the user's working environment to assure utility.



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

SonoSync™ 1,5 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.



See images in expanded view

The ultrasound examination can be performed while viewing the images and cines that are expanded at various ratios according to the user preference.

Build predefined protocols to ensure every step is followed every time

EzExam+™ 1 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.



Customize frequently used functions on the touchscreen

TouchEdit, a customizable touchscreen, allows the user to move frequently used functions to the first page.



Select transducer and preset combinations in one click

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



NEW Optimize image instantly with a single touch

EzStructure™ quickly provides optimal 2D images of the region of interest by simply clicking one button.

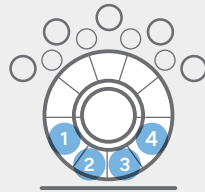
EzFlow™ streamlines Color and PW image optimization by fine-tuning imaging parameters, with one click of a button. This enables the quick acquisition of optimal images for especially vascular structures, enhancing workflow for routine inspections.

ONE CLICK



Assign functions to the buttons near the trackball

The buttons around the trackball can be customized for easy selection of commonly used functions.



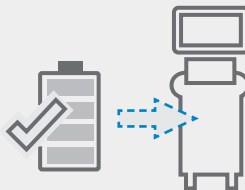
NEW Achieve optimal image quality, instantly and automatically

Live Q-Scan, during the scan, the brightness and uniformity of the B-mode image are automatically adjusted in real time to provide optimal image quality for each organ and region, helping to improve diagnosis and workflow.



Continue working even when AC power is temporarily unavailable

BatteryAssist™ provides battery power to the system, enabling users to perform scans when AC power is temporarily unavailable. It also allows the system to be moved to another location without having to turn the power off and then back on.



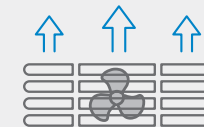
27-inch OLED monitor

It is convenient to see images in various scanning environments by applying a 27-inch OLED monitor. OLED realistically represents the black color, suitable for diverse ultrasound image characteristics with a black background.



14 inch tilting touch screen

Samsung's tilting touch screen can be adjusted to accommodate user's viewing preferences in any scanning environment.



Effective cooling system

An effective airflow system cools down the ultrasound system by constantly letting heat out and reducing fan noise.

Recycled materials

Eco-conscious resin cover is applied to the air vent exterior cover.

Comprehensive selection of transducers

Curved array transducers



CA1-7S *
Abdomen, Obstetrics,
Gynecology,
Pediatric,
Musculoskeletal,
Vascular, Urology,
Thoracic



CA3-10A
Abdomen, Obstetrics,
Gynecology,
Pediatric,
Musculoskeletal,
Vascular, Urology,
Thoracic



CA4-10M *
Abdomen, Pediatric,
Vascular



CA2-13M
Abdomen, Vascular,
Pediatric, TCD



LA2-14A
Small parts,
Vascular, Abdomen,
Pediatric, Thoracic,
Musculoskeletal



LA4-18A *
Small parts, Vascular,
Abdomen, Pediatric,
Musculoskeletal



LA2-9S *
Small parts, Vascular,
Abdomen, Pediatric,
Musculoskeletal

Linear array transducers



LA2-9A
Small parts, Vascular,
Abdomen, Pediatric,
Musculoskeletal



L3-22
Musculoskeletal,
Small parts, Vascular,
Pediatric



LA3-22AI
Musculoskeletal,
Intraoperative



LA2-16S
Abdomen,
Musculoskeletal,
Small parts, Vascular,
Pediatric



LM2-18
Abdomen,
Musculoskeletal,
Small parts, Vascular,
Pediatric



BCL2-14
Urology



BCC2-13
Urology

Bi-plane transducers

Phased array transducers



PA1-5A *
Cardiac, Vascular,
Abdomen, Pediatric,
TCD, Thoracic



PA3-8B
Cardiac, Pediatric,
Abdomen, Vascular,
TCD



PA4-12B
Cardiac, Pediatric,
Abdomen, Vascular,
TCD



EA2-11AR *
Obstetrics,
Gynecology, Urology

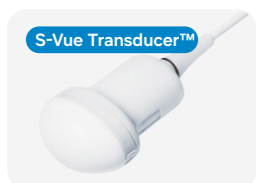


EA2-11AV *
Obstetrics,
Gynecology, Urology



miniER7 *
Urology, Obstetrics,
Gynecology

Volume transducers



CV1-8A
Abdomen, Obstetrics,
Gynecology, Urology



EV2-10A *
Obstetrics,
Gynecology, Urology



DP2B
Cardiac, Vascular,
TCD



CW6.0
Cardiac, Vascular,
TCD

TEE transducers



MMPT3-7
Cardiac

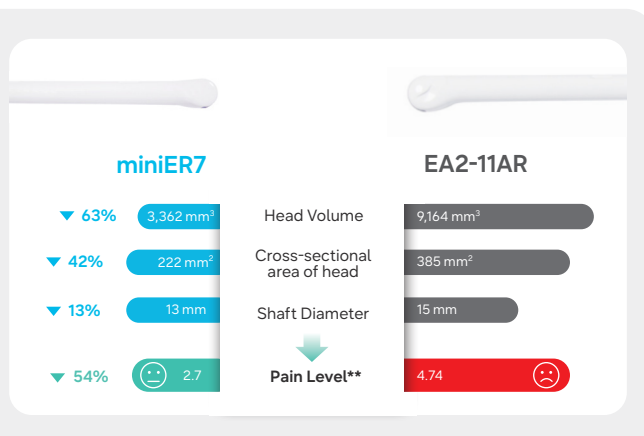


TA2-9
Cardiac

Ultra Compact Prostate Ultrasound Transducer

Samsung has developed **miniER7**, an ultra-mini caliber prostate transducer with minimal head size to reduce patients pain and discomfort* when performing prostate examinations.

* Compared to Samsung's EA2-11AR
** Based on internal exam



* Ergonomic transducers

The new endocavity transducer supports natural grip by moving the max-width point to a more forward position and also increasing the length of the grip to allow balanced weight distribution.

Samsung healthcare cybersecurity

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.



Intrusion prevention



Access control



Data protection

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.

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

1. Optional feature which may require additional purchase.
2. S-Vue Transducer™ is the name of Samsung's advanced transducer technology.
3. Strain value for ElastoScan+™ is not applicable in the United States and Canada.
4. Recommendations about whether results are benign or malignant in S-Detect™ are not applicable in the United States.
5. SonoSync™ is an image sharing solution.

Eco Packaging

Eco-conscious recycled paper is included in the product packaging.

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