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samsunghealthcare.com
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V8

Step up confidence

Unifying performance and intelligence

The V8 ultrasound system combines exquisite imaging quality powered by Crystal Architecture™ with efficient, streamlined examination enabled by Intelligent Assist tools, and reengineered workflow to fulfill the needs of today's busy clinical environment. The sophisticated, ergonomic design showcases Samsung's careful craftsmanship and that comfort-in-use is a high priority for your product experience. We constantly seek new ways to help professionals obtain reliable answers with greater image clarity, enhanced accuracy, and improved work efficiency.

Scan here to watch the V8 product video

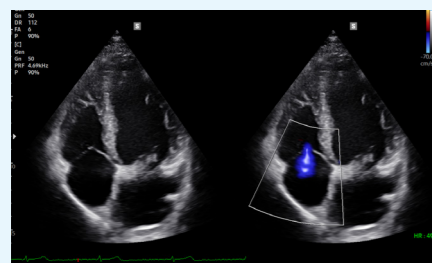## Exquisite imaging quality for reliability and confidence

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.
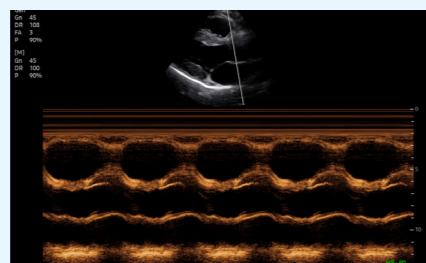
Reduce noise to improve 2D image quality

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

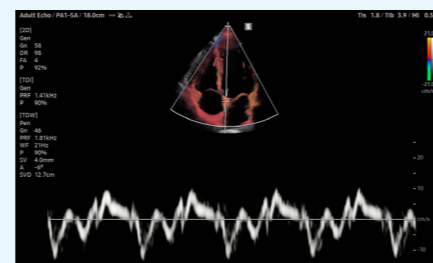### Show flow in vessels in a 3D like display

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

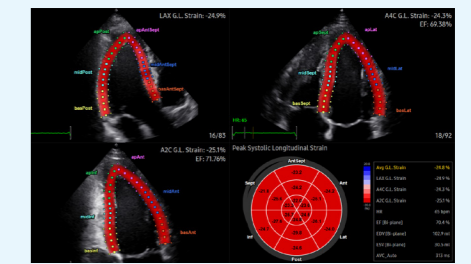Tricuspid regurgitation with LumiFlow™

Cardiac M mode

Tissue Doppler

Intelligent Assist tools for efficient examination

Simplify operations with built-in Intelligent Assist features. V8 supports healthcare professionals with the time-saving features they need in today's busy working environment.

Quantify wall motion of the left ventricle

Strain+ [1] is a quantitative tool for measuring global and segmental wall motion of the left ventricle (LV). In Strain+, three standard LV views and a Bull's Eye are displayed in a quad screen for easy and quick assessment of the LV function.
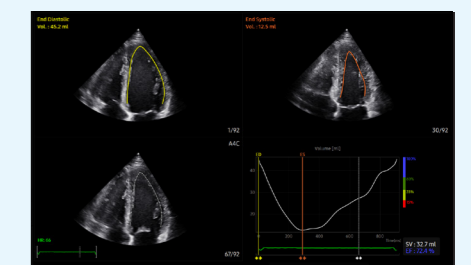
Score and report wall motion to determine heart and blood vessel function

StressEcho [1] package includes wall motion scoring and reporting. It includes exercise StressEcho, pharmacologic StressEcho, diastolic StressEcho and free programmable StressEcho.

Measure Ejection Fraction of the left ventricle

AutoEF [1] is a feature to conveniently measure and quantify Ejection Fraction. By selecting on three points of the left ventricle, the volume at the end-systolic and end-diastolic points of the left ventricle is calculated, to assist in quick and efficient assessment of the heart function.
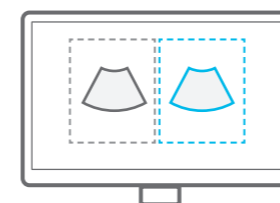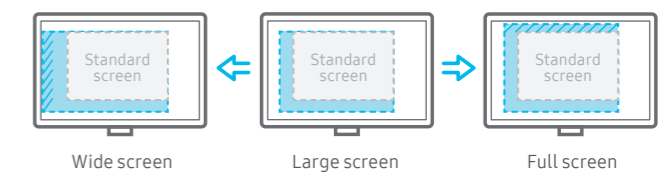
Strain+

Re-engineered workflow and design for a simplified process

Ease your day by streamlining workflow with V8's convenient features and collaborative solutions that reduce multiple tasks into just a few steps and keystrokes.
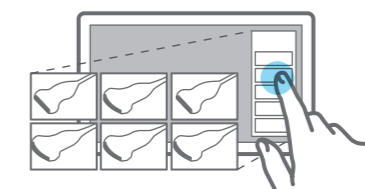
See images in expanded view

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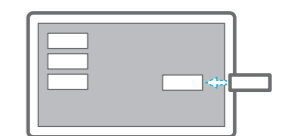
Wide screen | Large screen | Full screen

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.

Customize frequently used functions on the touchscreen

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

1 14 inch tilting touch screen

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

2 Assign functions to the buttons near the trackball

Depending on the ultrasound inspection items, the functions assigned to the buttons around the trackball can be utilized to reduce the hassle of menu selection.

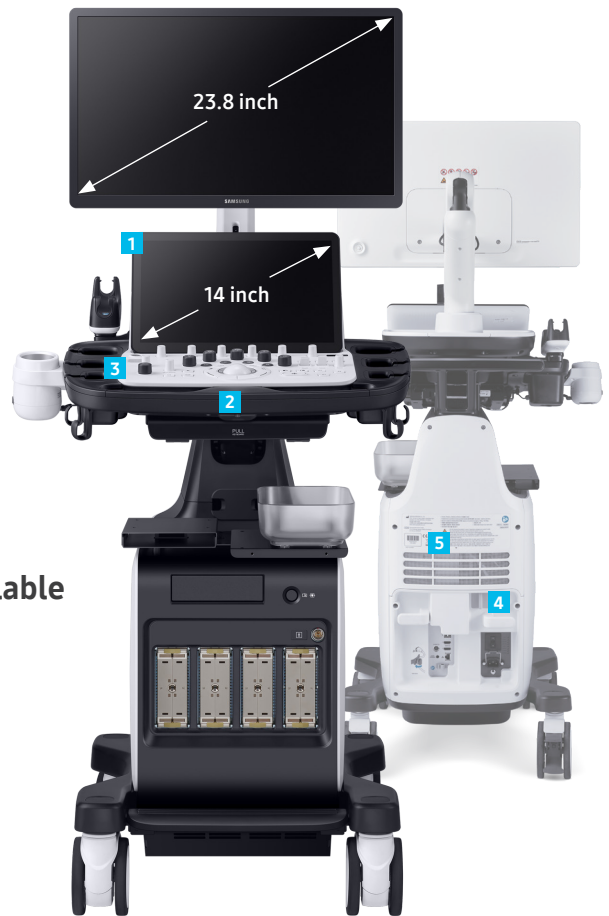## 3 Save image data directly to USB memory

QuickSave function allows image data to be saved directly on USB memory during the exam.

4 Use the system when AC power is temporarily unavailable

BatteryAssist™ [1] provides battery power to the system, enabling users to perform scans when AC power is temporarily unavailable. It also allows to transport the ultrasound system to another location and start to scan right away.

5 Effective cooling system

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

23.8 inch

14 inch

Comprehensive selection of transducers

Phased array transducer

S-Vue Transducer™

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

CW transducers

DP2B
Cardiac, Vascular, TCD

CW6.0
Cardiac, Vascular

Linear array transducers

S-Vue Transducer™

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

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

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

* This product, features, options, and transducers are not commercially available in all 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.

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