

Samsung Accuvix XG Ultrasound Machine

SKU: MP11469



Categories: [New](#)



Description

Overview

Samsung HS40 Dimensions and Weight:

- Height: 1,354 ~ 1,620 mm (with monitor)
- Width: 520 mm
- Depth: 730 mm
- Weight with monitor: 54 kg (119lb.)

Samsung HS40 Specifications:

- Digital beamformer
- Displayed imaging depth: 0 – 38 cm (probe dependent)
- Minimum depth of field: 0 – 2 cm (probe dependent)
- Maximum depth of field: 0 – 38 cm (probe dependent)
- Continuous dynamic receive focus/continuous dynamic receive aperture
- Adjustable dynamic range from 30 to 256 dB

Samsung HS40 Electrical power:

- Voltage: 100 – 240 VAC
- Frequency: 50/60 Hz
- Power Consumption – 800 VA with Peripherals

Samsung HS40 Review:

The Samsung HS40 is positioned as an economy grade ultrasound system similar to the GE Logiq F8 and the GE Voluson P6, and is meant to take the place of the SonoAce R7. Its General Imaging and 3D/4D options for

Obstetrics and Gynecology are better than those of the GE Logiq F8 and the GE Voluson P6.

Samsung systems are known for being great ergonomic systems that integrate “easy-to-use” automated features, as one would expect from the #1 commercial electronics giant. The new architecture supporting the HS40 has greatly evolved compared to the previous solution, the SonoAce R7, not only in regards to the hardware platform, but also in regards to the imaging technologies which now include S-Harmonic, ClearVision, and MultiVision.

Touch customization combined with Samsung’s user interface options greatly increase work efficiency and reduce the unnecessary workload from repeated operations and actions. These interface options, also found on the Samsung HS60 and H50, include Quick Preset, EZ-Exam+, EZ Compare, Measure Navigation, and Quick Scan.

The Samsung HS series are rich in features for both General Imaging and OB/GYN applications. Although the HS50 and HS40 are positioned differently, they have a similar software package. Still, the Samsung HS50 does have better overall image performance and feature functionality due to its stronger platform.

Strain+ on the Samsung HS40 is a key differentiating feature in the economy category that makes the cardiac exam process easier. Even inexperienced operators will be able to comfortably complete core cardiac measurements in a timely manner.

The Samsung HS40 is one option that can provide some of the most advanced 4D options on the market featuring Realistic Vue, automatic NT measurement, and automatic follicle measurement. It is also one of the few options in the economy category to support both Needle Mate+ and Strain+.

If medical professionals need a system for OB/GYN with premium 3D/4D features in particular, or for dedicated General Imaging on MSK and anesthesia around \$20,000, then the Samsung HS40 is the best option in the economy category of ultrasound systems.

Samsung HS40 Probes/Transducers:

Convex Probe: CA2-8AD CF4-9 Linear Probe: LA3-16A

Phased Array Probe: PN2-4

Endocavity Probe: EVN4-9

4D Volume Probe: VN4-8 V5-9

Ped off Probe: DP2B

Samsung HS40 Features:

- 21.5" LCD monitor
- 10.1" LCD Touch Screen
- Hybrid Full Digital Beam-forming
- 3 or 4 Active Probe Ports (Optional)
- Height adjustable control panel
- Height/Tilt/Rotate adjustable monitor
- Virtual Alpha Numeric Keyboard
- On-board storage for peripherals
- 5 probe holders
- 4 Swivel/Lock wheels
- Front handles
- Built-in Printer storage
- Integrated high-fidelity stereo speakers
- Integrated HDD 512GB
- Integrated DVD Multi Recordable Driver
- S-Harmonic Mode
- S-Flow
- Trapezoidal Imaging
- Quick Scan™ (Automatic Optimization)

- Raw Data Analysis
- Post-image optimization
- Patient Information Database
- System internal dynamic range: 256
- User programmable key: 4 keys
- Support for external USB 2.0 HDD drive
- Auto Calc (Real-Time Automatic Doppler Calculation)
- Doppler Auto Trace
- User Configurable Measurement Menu
- Customizable Measurement Menu
- Customizable Body Maker
- Post-Measurement
- On-board electronic documentation
- SonoView™