HM70 EVO (v1.01)
TECHNICAL SPECIFICATIONS

Height:
2.5"

Width:
15"

Depth:
14"

Weight:
13.23 lbs

Battery Life:
75 minutes

Full Bootup:
Up to 150 seconds

Sleep Mode:
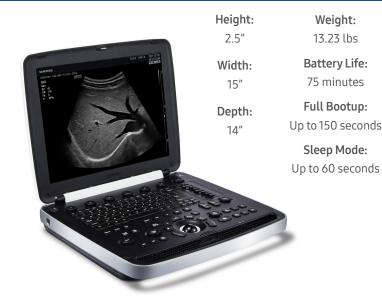Up to 60 seconds

FEATURES

Imaging Modes and Standard Features

2D, Color Doppler, Power Doppler, S-Flow, M-Mode, Pulsed Wave, TDI, TDW, Full Screen Mode™, BiometryAssist™, QuickScan™, ClearVision™, MultiVision™, HQ-Vision™, Full Spectrum Imaging, Multi-frequency, Trapezoid, S-Harmonic Imaging, DICOM 3.0 Pulse Inversion Harmonics, Barcode Scanner, Beam Steering (Linear), ADVR™

Advanced Imaging Modes and Optional Features

3D/4D, RealisticVue(Lite)™, 3DXI, XI STIC, 2D & 5D Follicle™, 2D NT™, LaborAssist™, CW, ECG, NeedleMate+™, EzExam+™, Cardiac Measurements, Wireless Connectivity, AutoIMT+™, Panoramic+, ElastoScan™, E-Strain™, Strain+, Stress Echo, Cart with 3 ports, Foot Switch, Extended Power Pack, Mobile Export

APPLICATIONS

Abdominal, Obstetrics, Gynecology, Urology, Vascular, TCD, Cardiac, Small Parts, MSK, Breast, and Pediatrics

SYSTEM OVERVIEW

Component	Description
Monitor	15" LCD Monitor with LED Backlit Laptop Style
Image Storage	Integrated 256 GB SSD
Depth Range	2 - 38 cm depending on the probes
USB 2.0 or 3.0	4 Ports with cart
Input/Output Connections	HDMI port, Ethernet Port
DICOM	Storage, Worklist, SR, PPS, SC, Print
Cybersecurity	Windows 10 User Management Windows Defender Antivirus EMR/DICOM Secure Transmission (DICOM TLS) SSD Encryption BitLocker Audit Trails Password Control
Electrical	100 - 240 V AC, 3.5 A, 50-60 Hz

ERGONOMICS

- Slim, laptop size with 1 mini-DLP connector and 1 pencil probe connector (optional)
- Backlit Keyboard and Control Panel
- Integrated Speakers
- Interactive Dynamic Software Menu
- Adjustable Brightness
- Optional Cart Specifications:
  - 3 Probe Ports & 4 Probe Holders
  - Printer Storage, Table & Supply Tray
  - Height: 32.4" x 39.5"
  - Width: 21.6"
  - Depth: 21"
  - Weight: 55.1 lbs

TRANSDUCERS

Category	Description
Convex Array	CA1-7AD, CA2-8AD, CA4-10M
Endo-Cavity	EVN4-9
Linear Array	LA2-9S, LA3-16AD, LN5-12
Phased Array	PA1-5, PN2-4, SP3-8
Specialty	MMPT3-7, DP2B
Volume	VN4-8, EV2-10A

The technical specification is a general summary of available product features. The final product may vary subject to user preference and options.

SAMSUNG