

# Siemens FreeStyle Ultrasound Machine

SKU: MP11826



Categories: [New](#)

## Description

## Review

### Siemens FreeStyle Review:

The Siemens ACUSON Freestyle ultrasound system is the world's first ultrasound solution with wireless transducers. Its innovative breakthrough adds additional value to enhance clinical and operational efficiencies at point-of-care, especially applications closely related with procedures such as MSK, surgery, nerve block, etc.

With zero cables, the Siemens ACUSON Freestyle maintains sterility much easier with a customized, compact sterile sheath for faster preparation time to quickly begin procedures. System controls on the transducer means a single user can remotely operate the system without any assistance. The transducer batteries last up to 90 minutes of continuous scanning and the transducers and batteries are capable of full immersion in high-level disinfectant for safer and more effective infection control.

The ACUSON Freestyle mobile link app wirelessly connects to your Microsoft Windows device and allows you to access, save, and share ultrasound clips, images, and patient data.

Available image modes include B/W and Color Doppler. The gray image quality is superior compared to other systems at the same grade, but the ACUSON Freestyle is limited in regards to certain applications such as MSK and Nerve Block, so cost efficiency is one of its weak points. The price-point based on its target market is a bit higher and the coverable applications compared to Logiq e and Mindray M7 are limited.

## Probes

Siemens FreeStyle Probes/Transducers:

Convex Probe: C5-2(5-2Mhz) Linear Probe: L8-3(8-3Mhz) L13-5(13-5Mhz)

## Features

Siemens FreeStyle Features:

- High resolution 15" wide LED monitor
- Cable free wireless probe connection
- 16GB solid state flash memory
- 2 USB 2.0 ports
- Scroll memory up to 512 frames
- VGA(15 pin D-sub miniature) 1024\*768, 60 Hz
- Export to USB-compatible storage media: PC-readable JPEG, MOV and XML
- Measurements: Distance, Area, Ellipse
- Integrated locking mechanism that provides rolling lock and caster swivel lock
- B-mode
- Color Flow Doppler Mode
- Spatial Compounding
- Speckle Filter

## Accessories

Siemens FreeStyle Peripheral Options:

Siemens ACUSON FreeStyle Peripheral Options • Sony Digital UP-D711 Thermal Printer • Sony Digital UP-D898 BW Thermal Printer • Mitsubishi P95DW Thermal Printer • VGA • Ethernet – 10BaseT/100BaseT • 2 USB 2.0 ports • Siemens FreeStyle Supplies: – Aquasonic ultrasound gel – Sono ultrasound wipes – Sony UPP-110HG thermal printing paper – Mitsubishi KP95HG thermal roll paper – Mitsubishi KP65HM-CE High density thermal paper

## Applications

Siemens FreeStyle Applications:

- Abdominal
- Obstetrics
- Nerve
- Gynecology
- Small parts
- Musculoskeletal
- Vascular (C-Vas, P-Vas, Venous)

## FAQs

Siemens FreeStyle FAQs:

**Spatial Compounding:** This helps increase the contrast in resolution while improving tissue differentiation of low contrast lesions by reducing image speckle. Tissue boundaries and interfaces appear sharper and more continuous.

## Features

Tissue Harmonic Imaging :No

Spatial Compounding(=CrossXbeam) :Yes

Speckle Reduction (=SRI):Yes

Auto Image Opt(B mode):No

Auto Image Opt(Doppler):No

Write Zoom:No

Triplex Mode:No

No  
Auto Follicle 2D Measurement: No  
Auto Follicle 3D Measurement:No  
Auto IMT:No  
Auto IMT (Real Time):No  
Automated B/M/D Measurement:No  
Automated LH Measurement(Automated Function Imaging(AFI), Cardiac Motion Quantification(CMQ), or Auto EF(Ejection Fraction):No  
Live Dual (B/BC) Mode:No  
SmartExam or Scan Assistant:No  
Fusion:No  
Raw Data File:No  
Flexible Report:No  
Barcode Reader:No  
Gel Warmer:No  
Transducers  
Convex (1~6Mhz):Yes(2~5Mhz)  
Convex (2~9Mhz):No  
Single Crystal Convex (1~6Mhz):No  
Single Crystal Convex (2~9Mhz):No  
2D Array 3D Convex (1~6Mhz):No  
Micro Convex (5~8Mhz):No  
Single Crystal Endocavity\_ Straight Type (3~10Mhz):No  
Endocavity\_Curved Type (5~8Mhz):No  
3D Convex (2~6Mhz):No  
3D Convex Light Weight (2~7Mhz):No  
3D Endocavity (3~10Mhz):No  
3D Micro Convex (3~9Mhz):No  
3D Linear (4~18Mhz):No  
Linear (>14Mhz):Yes(5~13Mhz)  
Linear (3~12Mhz):Yes(3~8Mhz)  
Linear (No  
Single Crystal Linear (>14Mhz):No  
Single Crystal Linear (3~12Mhz):No  
Single Crystal Linear (No  
Linear 50mm:No  
Linear 25mm:No  
Hockey stick (No  
Hockey stick (>13Mhz):No  
T or L shape Intra Operative:No  
Phased Array\_Adult (1~5Mhz):No  
Single Crystal Phased Array\_Adult (1~5Mhz):No  
2D Array 3D Phased Array (1~5Mhz):No  
Phased Array\_Pediatric (3~8hz):No  
Single Crystal Phased Array\_Pediatric (3~8hz):No  
Phased Array\_Neonate (4~12Mhz):No  
ICE (Intracardiac Echo Cardiography):No  
TEE\_Adult (3-7Mhz):No  
TEE\_Pediatric (3~7Mhz):No  
2D Array 3D TEE (2~7Mhz):No  
Pencil CW (2Mhz):No

No  
Imaging Modes  
2D, M mode:Yes (No M mode)  
M-color Flow Mode:No  
Anatomical M-mode:No  
Trapezoidal Mode:No  
Color, Power Angio, Pulse Wave Doppler:Yes(Color)  
Bi-directional Power (=HD FLOW):No  
SCW Doppler:No  
Tissue Doppler(Velocity) Imaging:No  
Freehand 3D:No  
Live 3/4D OB/GYN:No  
HD Live:No  
STIC (Spatio-Temporal Image Correlation):No  
Live 3D Echo:No  
Stress Echo:No  
Strain and Strain Rate (Cardiac):No  
B Flow:No  
Panoramic Imaging (=Logiq view):No  
Contrast Imaging - Cardiac:No  
Contrast Imaging - General Imaging:No  
Strain-based Elastography:No  
Shear Wave Elastography:No  
Applications  
Abdominal:No  
Women's Health Care (GYN & Breast):No  
OB:No  
Fetal Echo:No  
Vascular:No  
TCD(Transcranial):No  
Small Parts (Breast, Thyroid, Testis...):Yes  
MSK/Anesthesiology:Yes  
Pediatrics:Yes  
Urology (Renal, Prostate...):No  
Echocardiography\_Adult:No  
Interventional Cardiology:No  
Echocardiography\_Pediatric:No  
Echocardiography\_Neonate:No  
Stress Echocardiography:No  
Transesophageal Echo\_Adult:No  
Transesophageal Echo\_Pediatric:No  
Internal Medicine w/ Shared Service:No  
Surgery:Yes  
Interventional Radiology:No  
Contrast Imaging \_ General Imaging (Low MI):No  
Contrast Imaging \_ Cardiac (High or Low MI):No  
Bowel Imaging:No  
Strain Elastography:No  
Shear Wave Elastography:No