

FUJIFILM SONOSITE LX



ABOUT

The Fujifilm Sonosite LX is a point-of-care ultrasound system designed to provide detailed imaging across a wide range of clinical applications. Its large clinical display, responsive touchscreen, and three-probe connector. This ultrasound supports applications including cardiac and lung imaging, anesthesia, pain management, and musculoskeletal assessments, with optional transducers and specialized exam tools available for more advanced studies. Voice Assist allows users to perform everyday functions hands-free, while features such as VExUS analysis and transesophageal ultrasound expand its capabilities for cardiac and vascular assessment.

FEATURES

Three-Probe Connectivity: Built-in triple transducer connector.

Large Clinical Display: High-resolution clinical monitor and touchscreen.

Advanced Imaging Options: Supports an optional 46 MHz ultra-high-frequency transducer.

Voice Assist and Specialized Exam Tools: Hands-free voice commands.

Flexible Clinical Use: Designed for a range of point-of-care applications, including cardiac, lung, vascular, anesthesia, pain management, and musculoskeletal imaging.



SPECIFICATIONS



DIMENSIONS

Height: 49 in to 68 in (124.5 cm to 172.7 cm), monitor down to monitor up

Width: 23.0 in (58.4 cm)

Depth: 25.4 in (64.5 cm)

Weight: 151.68 lb (68.8 kg) maximum, including accessories and safe working load

DISPLAY

Screen Size: 21.3 in (54.1 cm) diagonal

Monitor Size: 19.45 in wide x 15.31 in high (49.4 cm x 38.9 cm)

Resolution: 1600 x 1200 pixels

Touch Screen: Yes, plus a separate touch panel for system controls

Monitor Arm: Adjustable

IMAGING MODES

2D Imaging: 256 gray shades

Color Doppler: 256 colors

Color Power Doppler (CPD): 256 colors

M Mode

Pulsed Wave (PW) Doppler

Continuous Wave (CW) Doppler: Available with cardiac transducers (P5-1, P11-3, T8-3)

Tissue Doppler Imaging (TDI)

Tissue Harmonic Imaging (THI)

COMPATIBLE TRANSDUCERS

C5-1: 5-1 MHz curved

C10-3: 10-3 MHz curved

P5-1: 5-1 MHz phased

P11-3: 11-3 MHz phased

L12-3: 12-3 MHz linear

L13-6: 13-6 MHz linear

L15-4: 15-4 MHz linear

L19-5: 19-5 MHz linear

IC10-3: 10-3 MHz endocavity

T8-3: 8-3 MHz transesophageal (TEE)

UHF46-20: 46-20 MHz ultra-high frequency

Transducer Ports: Built-in triple transducer connector

BATTERIES

Battery Type: Lithium-ion

System Batteries: Two battery packs, 21.6 VDC, 64.8 Wh each

Battery Runtime: Up to 1 hour on the two system batteries

Extended Runtime: Up to 3 hours with the system and stand batteries

Stand Battery: 21.6 VDC, 12,000 mAh (259.2 Wh)

Battery Charge Time: 2.5 hours

Battery Life: 500 charge cycles

*Actual runtime depends on imaging mode and display brightness.

SPECIFICATIONS



POWER REQUIREMENTS

Voltage: 100 – 240 VAC

Frequency: 50 – 60 Hz

Current: 6.0 – 2.5 A

CART FEATURES

Height Adjustment: Foot pedal

Wheels: 4 locking wheels

Storage: Storage bin (11 lb / 5 kg capacity), lockable drawer, and holders for gel and wipes

Cable Management: Built-in cable management system

CONNECTIVITY

Network: Ethernet and Wi-Fi

DICOM: DICOM 3 compatible

Ports: USB, video out, and Ethernet on the stand; USB on the system

ECG: ECG port (ECG module and leads sold separately)

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature: 32°F to 104°F (0°C to 40°C)

Operating Humidity: 15% to 95%