

SONOSITE X-PORTE



ABOUT

The **SonoSite X-Porte** is a point-of-care ultrasound system equipped with Extreme Definition Imaging (XDI) technology. This shared server **ultrasound system** is versatile, providing imaging for a wide range of procedures, including vascular, venous, cardiac, small parts, OB/GYN, nerve, superficial, MSK, and abdominal applications. Designed to be compact and portable, the X-Porte easily maneuvers around exam tables and offers adjustability for convenience.

FEATURES

Touch Screen Interface & intuitive design ensures ease of use and streamlined navigation for all imaging functions.

Internal library of 87 tutorials, providing on-demand educational resources to support user training and skill enhancement.

12-inch Touch Screen Control Panel

Internal DVR that can record 60 minutes of scanning with real-time recording of procedures for documentation and review.

Compatible with at least 14 SonoSite transducers, deliver unmatched versatility for a wide variety of clinical applications and patient needs.

Extreme Definition Imaging (XDI) beam-forming technology, enhances image clarity by reducing noise and improving visualization of anatomical structures.



SPECIFICATIONS



DIMENSIONS

Height (max): 64 in (162.6 cm)
Height (min): 42.2 in (107.2 cm)
Height Adjustment: 9 in (22.9 cm)
Width: 21.2 in (53.8 cm)
Length: 26.4 in (67.1 cm)

TOUCH PANEL

Capacitive display Type
Diagonal: 12.1 in (30.7)
Tilt Adjustment: 7.3 in (18.5 cm)
Side to Side Turning: +/- 9 degrees from center

DISPLAY

Diagonal: 19in (48.3 cm)
Screen Size: 1280 x 800
Image Size: 800 x 600
Monitor Tilt: 5 degrees tilting forward from vertical,
20 degrees tilting back from vertical

ELECTRICAL

Power input (stand version): 100-240V~6.0A Max,
50-60Hz
Power output (stand Version): 24 VDC, 11.5 A Max
(output not exceeding 275 watts)
Power Input (Desktop Version): 100-240 V~3.4A-
1.4A, 50-60Hz
Power Output (Desktop Version): 24 VDC, 6.25A
Max (Combined Output not exceeding 10 watts)
Batteries (Stand Version): 3 Lithium-ion batteries

(385Wh total)

Battery Use Time: 1.0 hours, 3 days on idle

Battery Charge Time: 2.5 hours

Battery Life: 3-6 years

IMAGING MODES

2D, Broadband Imaging
Tissue Harmonic Imaging (P21xp, C60xp)
Pulse Inversion Harmonic Imaging
M-mode
Velocity Color Doppler
Color Power Doppler
Pulsed Wave Doppler
Pulsed Wave Tissue Doppler
Continuous Wave Doppler, ECG

IMAGE PROCESSING

Extreme Definition Imaging (XDI)
SonoAdapt Tissue Optimization
SonoHD2 Imaging Technology
Dual Imaging
Dual Color Imaging
SonoMB Multibeam Technology
AutoGain
AutoGain Brightness Adjust
Restore Default Gains
Dynamic Range
Duplex Imaging
8x Zoom Capability

SPECIFICATIONS



Post Processing: Dynamic Range, Zoom
2D Image Optimization: Average and Difficult
Overall Gain, Near and Far Field Gain Control
Color and Doppler Flow Optimization (low, medium, high)
Color Variance Mode
2D Reduced Imaging Sector

2/3, 1/2 and 1/2, 2/3 and 1/3, side by side and full-screen duplex
Doppler Controls: angle, steer, scale, baseline, sample volume, gain and volume

USER INTERFACE & PROGRAMMABLE CONTROLS

Capacitive Touch Screen
Multi-touch gestures for system controls
Configurable User Interface: Start Screen, More Controls, Programmable Keys, System Parameters Clinical Display Information
Programmable Keys (9): Functions: Show/Hide, End Exam, Reset Gain to

Default Values, Print, Save Image, Save Video Clip, AutoGain, Calcs, None

Configurable Start Screen: Start, Scanning, Transducer/Exam Selection, Patient Information
Virtual QWERTY Keyboard for annotation
User defined exam types (up to five exam types for each exam type/transducer combination). For example, you can define five different exam types for Abdomen on P21xp transducer and five exam types for Abdomen on the C60xp transducer.
Image Acquisition Keys: Save, Review, Report, Video Clip Store, Video Clip Edit, DVR
Labeling of saved images
Display formats for Duplex Imaging: 1/3 and

MEASUREMENTS

2D: Distance – 8 measurements, Ellipse, Manual Trace Volume, Target Depth, Bladder Volume
Doppler: Velocity measurements, Pressure Gradient, Elapsed Time, Acceleration, Heart Rate, Resistive Index, Systolic/Diastolic Ratio, Measurements can be traced manually or automatically.

Automatic trace results (determined by exam type): Velocity Time Integral, Peak Velocity, Mean Pressure Gradient, Mean Velocity on Peak Trace, Press Gradient, Cardiac Output, Peak Systolic Velocity, Time Average Mean, Systolic/Diastolic Ratio, Pulsatility Index, End Diastolic Velocity, Acceleration Time, Resistive Index, Time Average Peak, Gate Depth, Heart Rate.

M-mode: All points guided workflow, distance and time measurements, Heart Rate

Editable results data sheets and reports