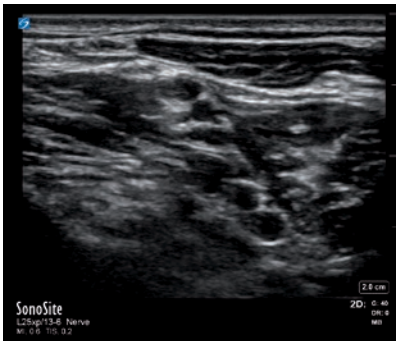
X-PORTE

SCAN
Using default transducer and exam type.
ENTER
Patient information.
SELECT
Transducer and exam type.
HELLO, where would you

X-PORTE

One Look and the Difference is Clear

XDI patent-pending imaging technology drives X-Porte's image clarity and resolution by significantly reducing visual clutter.

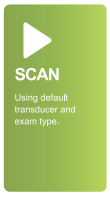


The World's First Ultrasound Kiosk

X-Porte represents an entirely new approach to clinical ultrasound. Its imaging, features, and educational resources are fluidly brought together in a convenient, all-in-one kiosk design.

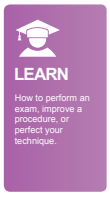
At the sweep of your hand, it responds so quickly and intelligently to your imaging needs, you'll know it was created precisely for professionals like you. Its self-explanatory control panel makes system navigation a breeze, and its sealed touch screen leaves no buttons for pathogens to hide behind.

X-Porte's slender profile makes it easy to manoeuvre alongside beds and exam tables for point-of-care visualisation and procedures. For portability and durability during transport, its screen folds down and its stand lowers making X-Porte even more compact for navigating busy corridors. The X-Porte ultrasound core can be easily detached from the kiosk to provide another configuration option. For servicing, nothing could be more convenient than X-Porte's five-year warranty and self-contained, removable engine.



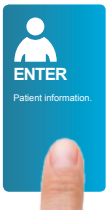
Breakthrough XDI Imaging

X-Porte's XDI beam-forming technology was created to meet the challenge of side-lobe artifacts, so now you can scan with image clarity, resolution, and colour sensitivity never before seen in point-of-care ultrasound systems.



Real-Time Scan Along Learning

For instant reference, scan along with an onboard library of Visual Guides featuring step-by-step learning tutorials. Use X-Porte's Visual Guides for comparing 3D beam-direction animations to corresponding 2D ultrasound images.



Gesture-Driven Interface

Optimised workflow is always at your fingertips. Easily customise the interface to suit your needs. Don't like the order of menu items? Change them. Too many controls? Minimise them.

Designed from the ground up for your work style and work environment, X-Porte offers you an entirely new ultrasound experience by providing these revolutionary tools in a unique, integrated system exclusive to SonoSite.

SYSTEM SPECIFICATIONS

Stand Dimensions: 67.1 cm x 53.9 cm/ 26.4" x 21.2" (L x W)

Stand Height: max 162.6 cm/64" (monitor up) / min 107.2 cm/42.2" (monitor down)

Height Adjustment: 22.9 cm/9" travel

30.7 cm/12.1" Capacitive Touch Screen (multi-touch gestures for system controls)

System Boot up: <20 secs

HD Monitor: 48.3 cm/19" diagonally

Control Panel Tilt Adjustment: 0 to 110 degrees

Clinical Monitor Viewing: 85 degrees left and right, 60 degrees up, 80 degrees down

Architecture: All digital broadband

Dynamic Range: Up to 183 dB

Gray Scale: 256 shades

HIPAA Compliance: Comprehensive toolset

IMAGE MODES

2D, Broadband imaging

Tissue Harmonic Imaging

Pulse Inversion Harmonic Imaging

M-mode

Velocity Colour Doppler

Colour Power Doppler

Pulsed Wave Doppler

Pulsed Wave Tissue Doppler

Continuous Wave Doppler, ECG

IMAGE PROCESSING

Extreme Definition Imaging (XDI)

SonoAdapt Tissue Optimisation

SonoHD2 Imaging Technology

SonoMB Multibeam Technology

Dual Imaging

Dual Colour Imaging

AutoGain and AutoGain Brightness Adjust

Restore Default Gains

Dynamic Range

Duplex Imaging

8x Zoom Capability

Post Processing: Dynamic Range, Zoom

2D Image Optimisation: Average and Difficult

Overall Gain, Near and Far Field Gain Control

Colour and Doppler Flow Optimisation (low, medium, high)

Colour Variance Mode

2D Reduced Imaging Sector

STEEP NEEDLE PROFILING

(Available on these transducers and exams.)

HFL50xp, Breast, MSK, Nerve, Small Parts

L38xp, Nerve, Venous

L25xp, Nerve, Venous

POWER SUPPLY

System operates via battery or AC Power

Rechargeable lithium-ion battery

Battery life: 1.0 hour, 3 days on idle

Battery charge time: 1.5 hours

OTHER HIGHLIGHTS

Programmable Controls

Labeling: Predefined Labels, Customised Labels, Predefined Pictograms

Worksheets: Acute Care Worksheets (ACEP Guidelines) and Musculoskeletal Worksheets

Steep Needle Profiling software

*Embedded DVR (Digital Video Recorder)

*Triple Transducer Connect

*Storage Basket

**Standard with X-Porte*

ONBOARD IMAGE AND CLIP STORAGE REVIEW

2D Cine Review – 20 seconds

PW, CW, M-mode Cine Review – 16 seconds

Internal Flash Memory – 64 GB

Thumbnail review of saved images and clips

Prospective and Retrospective Clip Store

Auto Clip Export (auto export to USB at end of study)

Video clip playback at 1, ½ or ¼ of the captured rate

Video Clip Save Lengths: 2, 4, 6, 10, 15, 30 and 60 seconds

Annotations on recalled images

Image Format: jpeg, avi, bmp

Export Format: html

JPEG Compression Options: High, Medium, Low

DATA MANAGEMENT AND WIRELESS

5 USB 2.0 Ports

Ethernet Port

DVR USB Port

ECG Connector

Barcode auto-query (populates patient's demographic from worklist)

DICOM Image Management: Print, Store, Modality Worklist, Perform Procedure Step (PPS), Storage Commitment

DICOM Image Management: Exam Routing for Diagnostic, Procedure, Education Exams

Embedded Wireless

ACCESSORIES

Medical Grade Black and White Printer (Sony UP-D897 USB B&W printer)

PowerPark

USB Bar Code Reader

Footswitch

ECG Module

SUPPORTED LANGUAGES

English, French, Italian, Portuguese, Spanish, German

LEARNING PACKAGES

Ultrasound Imaging Basics; Packages for Acute Care, Procedures, Anaesthesiology, On-board System Help

Note: Desktop configuration available.

Applications:

abdominal, musculoskeletal, nerve, ob, gyn

5-2 MHz Curved

Scan depth: 30 cm

Applications:

breast, musculoskeletal, nerve, small parts

15-6 MHz Linear

Scan depth: 6 cm

Applications:

nerve, arterial, venous, small parts

10-5 MHz Linear

Scan depth: 9 cm

Applications:

cardiac, abdomen, ob, lung

5-1 MHz Phased

Scan depth: 35 cm

Applications:

nerve, musculoskeletal, arterial, superficial, ophthalmic, venous

13-6 MHz Linear

Scan depth: 6 cm

Applications:

ob, gyn

9-5 MHZ Curved

Scan depth: 15 cm

Needle guides and kits available with the following transducers:
L38xp, HFL50xp, C60xp, ICTxp, L25xp and P21xp.

A transverse needle guide is available with the L25xp.

SonoSite FUJIFILM

www.sonosite.co.uk/products/x-porte

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Pending 510(k) clearance. X-Porte is not available for sale in the United States.

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