V.A. Medical Center
JERRY L PETTIS
VETERANS HOSPITAL
11201 BENTON ST
LOMA LINDA, CA 92357

TRADE-IN: NO

STK#: L14000

NSN: 6515-00-000-0000

BOC: 3131   FMS LINE: 002

PO# 605-B30001

Configuration - Included Items

Item	- Description	Qty			
1	- SonoSite EDGE	1			

SonoSite EDGE high-resolution, all-digital, 8.5-pound (3.85 kg) ultrasound system with 12.1in. LED display. This product is designed with SonoSite's proprietary Chip Fusion Technology that integrates digital signal processing and multiple system functions into a custom application-specific integrated circuit (ASIC) microchip. As a result complex system functions that typically require several large circuit boards can be accomplished using a small chip in a compact space. SonoSite EDGE high-resolution, all-digital, 8.5-pound (3.85 kg) ultrasound system with 12.1in. LED display. This product is designed with SonoSite's proprietary Chip Fusion Technology that integrates digital signal processing and multiple system functions into a custom application-specific integrated circuit (ASIC).
The purchase of the EDGE visualization tool includes the following software technologies:
- 2D grayscale with SonoMB Multi Beam Technology
- Auto Gain with SonoADAPT Tissue Optimization Technology
- M-Mode
- Clips Storage
- Application specific calculation packages
The EDGE combines the high performance of cart-based systems with the speed, flexibility and durability of hand-carried ultrasound. 8 GB of on-board Flash memory will retain enough data for over 40 standard exams (or 2,400 seconds of clips, 1,200 still frames and 40 report pages) even after power is turned off. The system supports USB media playback, and connectivity is accomplished through one of two USB slots on the system, which allow for direct sharing of images (JPEG) and Clips (MPEG4) to a PC or Mac. Additional connectivity is achieved via the EDGE Mini-Dock, to meet your specific needs. The system supports a

HIPAA compliance tool set for the protection of sensitive information and PC direct connectivity capability (through USB Memory Stick or via SiteLink and USB Cable ordered separately). EDGE's reliability and durability are backed by a five-year standard warranty, which is included in the price of the system. Software upgrades to the main system and transducer databases are accomplished through one of two USB ports on the system. Also includes battery, ultrasound gel, and user guide on a CD (Printed user guides also available as a purchasable option).

Additional features available to add to the Edge system include: SonoMBe, PW Doppler, TDI PW, CW Doppler, DICOM, Worksheets, and a full array of multi-frequency, broadband transducers.

Included with the purchase of your SonoSite EDGE, you will receive the system battery, ultrasound gel, a user guide CD.

2	- Color Application Software Package Edge	1

This package provides the following capabilities for the transducers that support these features:
- Tissue Harmonic Imaging (THI), a capability in which the system transmits at one frequency and receives at a higher harmonic frequency to reduce noise and clutter and improve resolution.
- SonoHD Imaging Technology, technology which significantly reduces speckle noise while enhancing tissue margins, thereby dramatically improving contrast and structural resolution.
- Velocity color flow imaging provides the clinician with the color sensitivity to perform color Doppler examinations with all transducers during a clinical procedure.
- PW Doppler is available on all transducers.
- CW Doppler is a quantitative assessment of blood flow with Duplex imaging for higher flow velocities.

3	- Credentialing Worksheets	1

Allows up to four separate worksheets to be filled out by the resident physician. Available worksheets are: AAA, FAST, Gallbladder, and Kidney.
When used with SiteLink 4.1.0, this allows you to generate PDF or HTML files with linked images and completed data fields from each worksheet.

4	- SonoMBe, EDGE	1

Proprietary software that enhances the systems ability to aid needle visualization.

5	- C60X / 5-2 MHZ Transducer Biopsy Compatible	1

C60x / 5-2 MHz multi-frequency, broadband, 60 mm curved array transducer for general purpose, abdominal, obstetric, gynecology, and nerve exams. Supports 2D with SonoMB Multi Beam Technology and Auto Gain capabilities, SonoHD Imaging Technology, Tissue Harmonic Imaging, M-mode, Color Power Doppler, Velocity Color Flow Doppler and Pulsed Wave Doppler. Biopsy guide available. 1-meter drop-test durability. Maximum depth is 30 cm.

6	- HFL50x / 15-6 MHZ Transducer Biopsy Compatible	1

HFL50x / 15-6 MHz multi-frequency, broadband, 50mm linear array transducer for small parts, breast, musculoskeletal and nerve. Supports 2D with SonoMB, Sono UltraRes Technology, Multi Beam Technology and Auto Gain capabilities, SonoHD Imaging Technology, M-mode, Color Power Doppler, Velocity Color Flow Doppler and Pulsed Wave Doppler. Biopsy guide available. Maximum depth is 6 cm.

7	EDGE Stand	**1**

Ergonomic stand and mobile work platform for the EDGE system and transducers. Complete with power supply and mini-dock and accessory basket. OEM peripherals include: B/W or color printer. Unable to use together

8	- Power Pack	**1**

The PowerPack is an external battery pack that mounts quickly and easily to the universal stand. The PowerPack extends the system battery life for performing more exams on a single charge.

9	- Sony Up 897 Md Black & White Video Printer	**1**

Medical grade, monochrome video printer with interface cables. Worldwide power (100V-240V, 50/60Hz) and video (NTSC/PAL). North American power cord supplied by manufacturer.

10	- Triple Transducer Connect (TTC) w/ quick disconnect	**1**

Three-transducer module for mobile docking system that allows connection of up to three transducers simultaneously while the system is docked in the Stand

11	5-YR-WARRANTY - 60 MONTHS - STANDARD COVERAGE WARRANTY	**1**

60 MONTHS - STANDARD COVERAGE WARRANTY

EDGE®

SonoSite

TAKE A CLOSER LOOK AT SONOSITE'S NEW EDGE ULTRASOUND SYSTEM

The Edge® ultrasound system is SonoSite's fifth generation of point-of-care ultrasound. The screen is noticeably larger so you can see the ultrasound image from across the patient or across the room. Enhanced image quality aids your diagnostic confidence. Rapid boot-up takes you from power-on to scanning in less than 20 seconds. A magnesium shell with a solid aluminum core drop-tested at 3 feet/91.4 cm helps to protect your investment for the long term. And a splash resistant silicone keyboard makes cleaning and disinfecting that much easier. With the Edge ultrasound system, you have access to a new generation of point-of-care visualization.

EDGE TECHNOLOGY FROM SONOSITE

SonoHD2™ Second Generation Imaging Technology – provides a new series of image enhancement algorithms that reduce speckle noise and image artifacts to give the Edge ultrasound tool a new standard in point-of-care visualization image quality.

SonoADAPT™ Tissue Optimization – eliminating complicated manipulation of multiple controls.

SonoMB® Multi-beam Imaging – increasing resolution of small structures and enhancing border delineation.

Advanced Needle Visualization – aiding needle visualization while maintaining striking image quality of the target and surrounding anatomy.

ColorHD™ Technology – increasing color performance, sensitivity and frame rates for more diagnostic information.

POINT-OF-CARE APPLICATIONS INCLUDE:

Anesthesia, Critical Care, Cardiology, Cardiovascular Disease Management, Emergency Medicine, Musculoskeletal, OB/Gyn, Radiology, Vascular, Surgery, Women's Health.

EDGE®

DESIGNED FOR THE POINT OF CARE

SonoSite

12.1"/30.7 cm LCD monitor

Large clinical image area

PC- and Mac-friendly for effortless data management with 2 high-speed USB 2.0 ports

8.5 lbs./3.85 kg with battery

Backlit keyboard

Splash-resistant keyboard for easy cleaning

Solid aluminum core

5 YEAR

TECHNOLOGY DRIVEN
5-YEAR STANDARD WARRANTY
MADE IN THE USA

MAIN FEATURES AT A GLANCE

- A new level of image quality

- Splash-resistant, sealed, silicone keyboard

- Solid aluminum core and magnesium shell provides maximum durability

- Less than 20 second boot-up

- Drop-tested at 3 feet/91.4 cm

EDGE™

TRANSDUCERS

READY FOR A COMPLETE RANGE OF APPLICATIONS

SonoSite designs, manufactures and tests transducers in-house with real-world customer needs in mind. Our transducers exceed stringent military specifications for drop testing so you can use them with confidence in the most demanding of environments. Maybe that's why SonoSite is the only ultrasound company to offer an industry leading 5-year warranty on the transducers it manufactures.

5 YEAR

TECHNOLOGY DRIVEN
5-YEAR STANDARD WARRANTY
MADE IN THE USA

L38xi

10-5MHz Linear

Applications:
breast
IMT
musculoskeletal
nerve
small parts
vascular
venous
Scan depth:
9 cm

HFL38x

13-6MHz Linear

Applications:
breast
IMT
musculoskeletal
nerve
small parts
vascular
venous
Scan depth:
6 cm

HFL50x

15-6MHz Linear

Applications:
breast
musculoskeletal
nerve
small parts

Scan depth:
6 cm

L25x

13-6MHz Linear

Applications:
musculoskeletal
nerve
superficial
vascular
venous
ophthalmic

Scan depth:
6 cm

C8x

8-5MHz Curved

Applications:
prostate
(transrectal)

Scan depth:
11.5 cm

C11x

8-5MHz Curved

Applications:
abdominal
neonatal
nerve
vascular
cardiology (Vet)

Scan depth:
10 cm

C60x

5-2MHz Curved

Applications:
abdominal
musculoskeletal
nerve
ob
gyn

Scan depth:
30 cm

ICTx

8-5MHz Curved

Applications:
ob
gyn

Scan depth:
13 cm

P21x

5-1MHz Phased

Applications:
abdominal
cardiology
ob
orbital
TCD

Scan depth:
35 cm

P10x

8-4MHz Phased

Applications:
ped. abdominal
ped. cardiology
neonatal head

Scan depth:
14 cm

SLAx

13-6MHz Linear

Applications:
musculoskeletal
nerve
superficial
vascular
venous

Scan depth:
6 cm

TEEx (U.S. only)

8-3MHz Multi

Applications:
adult cardiology

multiplane transeso-
phageal 180° rotation
of the imaging plane,
providing a 360° field
of view
Scan depth:
18 cm

D2x

2MHz Pencil

Applications:
cardiology (CW)

Scan depth:
N/A

L52x (Vet)

10-5MHz Linear

Applications:
musculoskeletal
ob
vascular

Scan depth:
15 cm

Needle guides and kits available with the following transducers – L38xi, HFL38x, HFL50x, C60x, ICTx, P21x, C8x and L25x. A transverse needle guide is available with the L25x transducer.

5 YEAR

TECHNOLOGY DRIVEN
5-YEAR STANDARD WARRANTY

MADE IN THE USA

Quick Reference Guide:
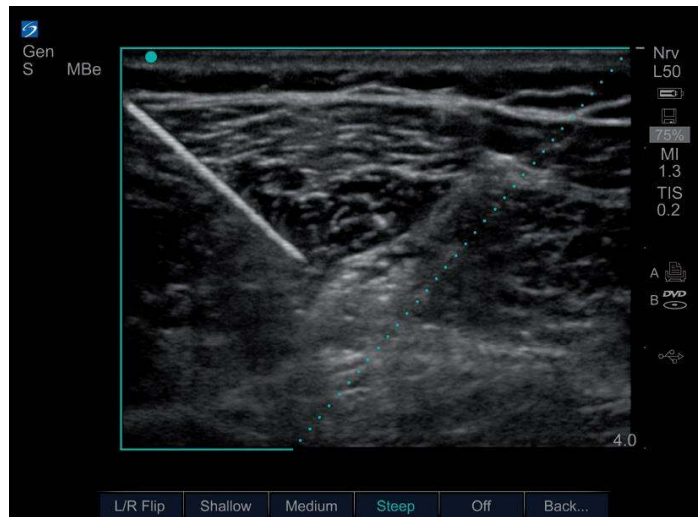
Advanced Needle Visualisation Technology

Advanced Needle Visualisation, a proprietary and patented software algorithm from SonoSite, clearly enhances needle visualisation while maintaining striking image quality of the target and surrounding anatomy. Advanced Needle Visualisation (SonoMBe™ Imaging) is easy to use and requires no setup time, additional hardware, or expensive needles.

This guide provides practical tips on using this technology to fully optimise visualisation of the needle at various angles and depths.
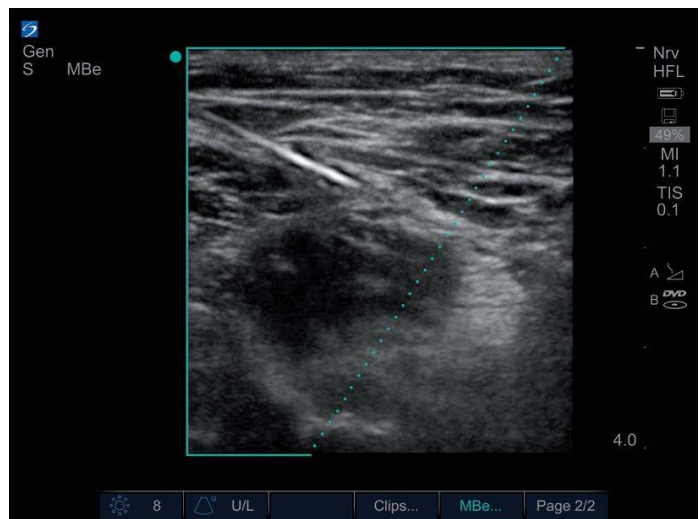
To Get Started:

- In 2D imaging, select page 2 using the soft key menu.
- Select SonoMBe.
- Change LT/RT flip to align for the needle approach.
- Choose a Shallow, Medium, or Steep angle depending upon the depth of the target structure.
- Place the target on the needle side of the angle guide (dotted green line).
- For best visualisation of the needle shaft and tip, insert the needle so that it is perpendicular to the angle guide.
- Use the area defined by the green line for maximum visibility of the needle, keeping the needle on the needle side of the angle guide.
- To return to 2D imaging only, select Off.

Note that the needle path is perpendicular to the angle guide and the target structure is inside the angle guide area.

Note incorrect placement of target structure outside the needle guide area. In this case the target structure should be positioned to the left of the dotted green.

Dr. David Auyong
Staff Anesthesiologist, Seattle, Washington

Universal Stand

The universal stand offers physicians a more ergonomic design with a lighter, more robust, and modular architecture. Ideal for point-of-care ultrasound applications, the universal stand can be easily maneuvered through crowded hospital corridors and optimally positioned at the patient's bedside or in other space-constrained areas. The H-Universal™ Stand and the V-Universal™ Stand's are compatible with our third and fourth generation products.

The universal stand can be upgraded to incorporate SonoSite Power Solutions (see reverse side) to offer the most flexible options to meet the challenges of point-of-care environments.

Features:
- Four transducer holders
- Cable hooks
- Locking wheels
- Storage basket
- Power supply
- Keyboard tray*

Peripherals (optional):**
- Sony B&W printer
- Sony color printer
- Sony DVD recorder
- 15 in. auxiliary monitor***
- Triple transducer connect***

Accessories:
- PowerPark—Dedicated charging station
- PowerPack—Extended battery pack

The H-Universal Stand can be configured with the M-Turbo® and MicroMaxx® ultrasound systems.

The V-Universal Stand can be configured with the S Series™ and NanoMaxx™ ultrasound systems.

*V-Universal Stand only
**V-Universal Stand only accommodates one peripheral
***H-Universal Stand only

H-Universal Stand

V-Universal Stand

Specifications	H-Universal Stand	V-Universal Stand
Width:	20 in./50.8 cm	20 in./50.8 cm
Depth:	23 in./58.4 cm	23 in./58.4 cm
Height:	Min: 33 in./83.8cm. Max: 45 in./114.3 cm.	Min: 42.5 in./108 cm Max: 54.5 in./138.4 cm
Pneumatic height range:	12 in./30.5 cm	12 in./30.5 cm
Weight:	40.0 lbs./18.1 kg	45.0 lbs./20.5 kg

PowerPark—Dedicated Charging Station

For true mobility to any point-of-care location around the hospital or office, the PowerPark[†] is a cordless and convenient charging solution for SonoSite ultrasound systems. The PowerPark provides a dedicated charging station while the ultrasound system is mounted on the stand. Just park and charge.

- Increase workflow and efficiency—System remains fully-charged

- Provide storage—Dedicated storage location for stand and ultrasound system

- Facilitate cord management—No need for ultrasound system electrical cords

Specifications:	
Width	8.6 in./21.8 cm
Length	15 in./38.1 cm
Height	4.8 in./12.2 cm
Weight	20 lbs./9 kg

† The PowerPark and PowerPack are compatible with SonoSite's H-Universal Stand and V-Universal Stand. The PowerPark can be used with the MicroMaxx, NanoMaxx, M-Turbo and S Series ultrasound systems and the PowerPack is compatible with the M-Turbo, S Series and NanoMaxx ultrasound systems.

†† Product release is expected Q4 2010.

PowerPack—Extended Battery Pack

The ultimate power solution for hospital and office settings, SonoSite's PowerPack[††] is an innovative and streamlined external battery pack. With the ability to double a system's battery life, the PowerPack provides improved flexibility and efficiency, enabling physicians to see more patients on a single battery charge. The PowerPack can be easily installed on the SonoSite universal stand for a ready-to-go charging solution.

- Improves flexibility and workflow

- Extends the operating time of the ultrasound system

- Reduces the need to seek a power supply outlet in the patient exam room

Specifications:	
Width	4 in./10.2 cm
Length	10 in./25.4 cm
Height	2 in./5.1 cm
Weight	1.4 lbs./0.6 kg