

ULTRASOUND SYSTEM, PORTABLE 180 SONOSITE TOC

**SONOSITE, INC
MODEL 180Plus**

Manufacturer's PHONE: (425) 951-1243 FAX (801) 751-1135

Website: http://www.sonosite.com/products_overview.html

AAC "W" ITEM NSN 6525-01-429-7499

AAC "J" ITEM NSN 6525-01-503-7170

UA's: M308

**USAMMA POC: Equipment Acquisition Division, (301) 619-4060, DSN 343-4060
PRICE: 36,826.69**

System Description: Lightweight portable diagnostic ultrasound device used to assist in the detection of Rapid triage and assessment of trauma (FAST), visualization of abdominal fluid collection, evaluation of pericardial or pleural effusions and tamponade, immediate assessment of pelvic pain and abnormal uterine bleeding, rapid evaluation of acute abdominal pain (kidney, cholelithiasis), and easy emergency obstetric exams (IUP, fetal viability)

Operator Familiarization: CD-ROM is available.

CLINICAL APPLICATIONS

Abdominal
Vascular
Breast
Obstetrical
Pediatric/Neonatal
Intraoperative Procedures
Interventional Procedures
Cardiac
Prostate
Small Parts
Gynecological
Musculoskeletal



ULTRASOUND PHYSICAL AND ENVIRONMENTAL SPECIFICATION

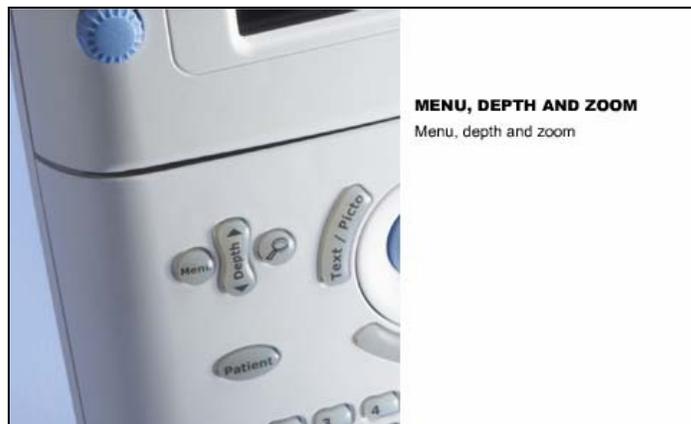
Dimensions	Height	13.3"
	Width	7.6"
	Depth	2.5"
Cubic Feet		0.14cuft
Weight		5.4 lbs
Power Requirements		12 VDC or 120 VAC
Battery Life		1.5hrs – 4.0hrs fully charged
Battery characteristics		Lithium Ion



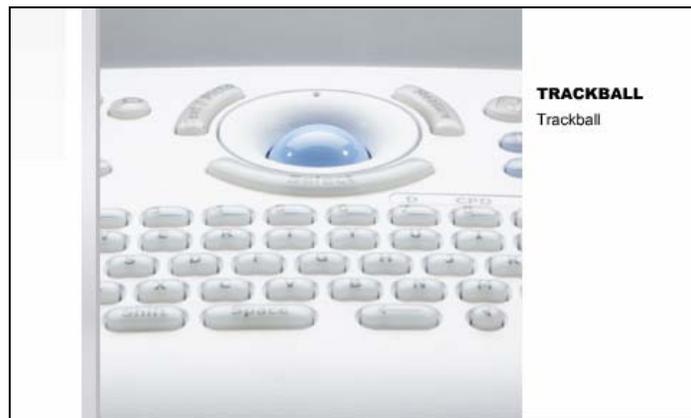
MENU SELECT CONTROLS FIGURE 1



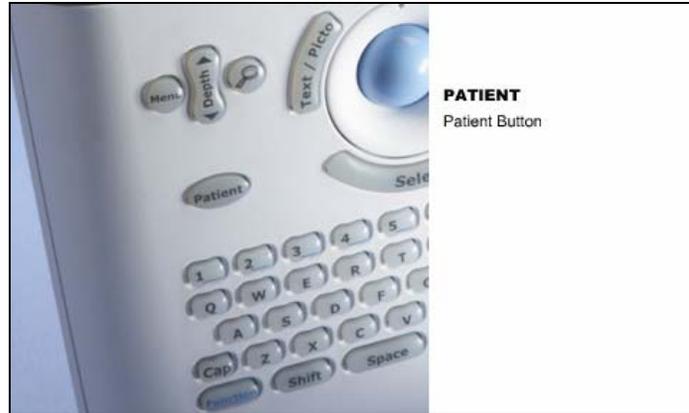
NEAR/FAR/GAIN AJUSTORS FIGURE 2



MENU, DEPTH AND ZOOM FIGURE 3



TRACKBALL FIGURE 4



PATIENT
Patient Button

PATIENT BUTTON FIGURE 5



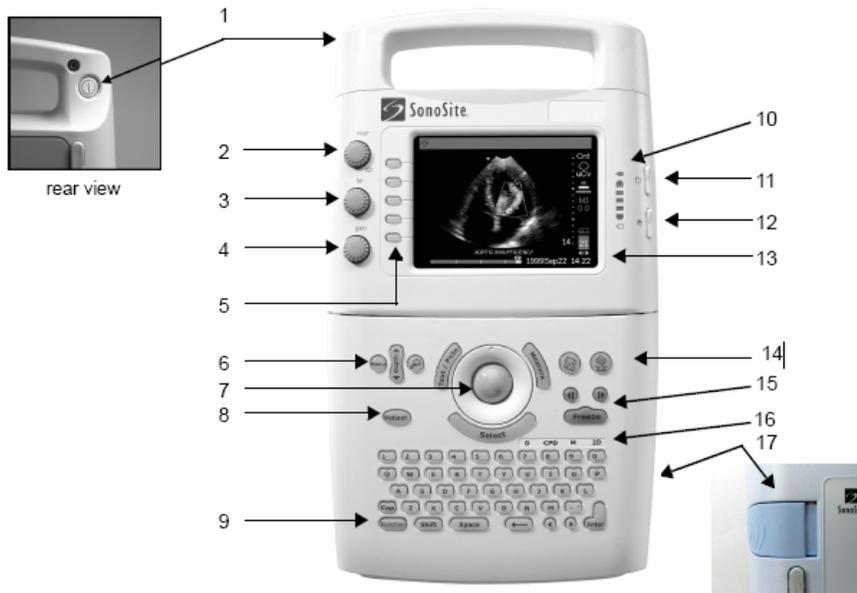
ARROW AND FREEZE KEYS
Cine Arrow and Freeze keys

ARROW AND FREEZE KEYS FIGURE 6



LCD CONTROLS
Brightness and Contrast Controls

LCD CONTROLS FIGURE 7



Number	Feature	Number	Feature
1	power switch, located on the rear of the system handle	10	battery charge indicators
2	near, affects gain of shallow echoes	11	LCD (liquid crystal display) brightness control
3	far, affects gain of deeper echoes	12	LCD contrast control
4	gain, affects overall gain	13	LCD
5	menu select controls	14	Print/VCR or Print key
6	Menu, Depth, and Zoom	15	Cine Arrow keys and Freeze key
7	trackball	16	mode controls
8	Patient	17	battery release
9	Function key		

Package Order for Combat Support Hospital only

Hand-Carried Ultrasound Systems:		PART NO.	PRICE	QTY
Transducers (C1	NOTE: Transducers on this price list have the current			

products):	version software and the existing customer system may require an update to ensure transducer compatibility.			
SonoSite 180 PLUS & ELITE Fourth Generation (1.99)	<u>Portable ultrasound system includes:</u> display module, 2D Grayscale, color power Doppler (CPD) and directional color power Doppler (DCPD) capability, M-mode, PC Direct connectivity capability (w/ SiteLink & PC Direct Serial Cable ordered separately). Also includes battery, universal AC power supply, external video and printer cables, ultrasound gel, and user guides.			
	180PLUS Does not support Continuous Wave (CW) Doppler.	L02464	\$8036.00	1

C15 e / 4-2, micro-curved array transducer INCLUDED	15-mm, broadband (4 - 2 MHz) micro-curved array for thoracic and abdominal applications. Provides 2D Grayscale, CPD or DCPD (depending on exam type), CW, PW, M-mode, and ERH. 5.5 ft (1.7m) cable and pinless connector. Not compatible with non-1.99 systems.	P02461	\$8610.00	1
C60 / 5-2, curved array transducer INCLUDED	60-mm, broadband (5 - 2 MHz) curved array for abdominal, obstetric, and gynecologic applications. Provides 2D Grayscale, CPD, DCPD, PW, M-mode, and THI. 5 ft (1.5 m) cable and pinless connector. Compatible with biopsy guide part number P01882. Some early first generation SonoSite systems (1.5X with ARM < 02.80.006.014) require system software upgrade module (no charge) to ensure compatibility. Contact SonoSite Customer Support prior to ordering for additional details.	P02115	\$4510.00	1
L38 / 10-5, linear array transducer INCLUDED	38-mm, broadband (10 - 5MHz) linear array for breast, small parts, vascular, and musculoskeletal applications. Provides 2D Grayscale, CPD, PW, and M-mode. 5.5 ft. (1.7 m) cable and pinless connector. Compatible with biopsy guide part number P01300. Not compatible with 1 st generation systems.	P04101	\$8610.00	1

ICT / 7-4, intracavitary array transducer INCLUDED	11-mm, broadband (7 - 4 MHz) intracavitary array for gynecologic, obstetric and urologic applications. Provides 2D Grayscale, CPD, PW, and M-mode. 5 ft (1.5m) cable and pinless connector. Compatible with biopsy guide part number P01869. Not compatible with 1 st generation systems.	P02450	\$4510.00	1
--	--	--------	-----------	---

Extra Battery – PLUS/ELITE INCLUDED	11.1 volt, 3.0 amp-hour rechargeable lithium-ion battery.	P00049	\$324	1
Sonosite Military Hard Case INCLUDED		P03808	\$820.00	

SitePack® protective carrier pack OPTIONAL	Backpack-style carrying case for easy transport of the SonoSite system, three transducers, accessories and supplies.	P00553	\$135	1
SiteCharge® dual battery charger INCLUDED	Desktop charger used to recharge two system batteries at a time. Recommended for heavy battery use environments.	L00552	\$492	1
SiteLink Image Manager INCLUDED	Software package to enable image download, in full resolution .bmp format, from SonoSite systems to a Windows®-based PC. CD-ROM includes: SiteLink software, Irfanview image viewer program, and help files. Null modem cable also included. Requires use of SiteStand - or PC direct serial cable for PC interface w/ the SonoSite system.	P01370	\$820.00	1
PC Direct Serial Cable INCLUDED	Connects system to a PC for downloading images via SiteLink Image Manager. Requires P01370 version of SiteLink Image Manager.	P02046	\$82.00	1

ACCESSORIES/PERIPHERALS LIST

Optional Feature Upgrade OPTIONAL	Factory upgrade of a SonoSite system, after initial purchase of any or all optional features purchased after the customer has taken delivery of the system. This fee is in addition to the cost of the features.	P02280	\$1,000	

HST / 10-5, linear array hockey-stick OPTIONAL	25-mm, broadband (10 - 5MHz) linear array for intraoperative and superficial vascular applications. Provides 2D, PW and color power Doppler modes. 8 ft. (2.1 m) cable and pinless connector. Compatible with 180PLUS and SonoHeart ELITE systems.			
	C1.99 – For use with C1.99 systems when ordered	P02954	\$12,500	

	with the system.		
	C1.9 – Upgrades C1.9 generation software to C1.99 generation software. Compatible with C1.9 and C1.99 hardware systems. Use this part number when HST/10-5 is ordered separately. This part number includes C1.99 user guides.	L02954	\$12,500

Peripherals – Medical Grade (C1 products):	OPTIONAL ITEMS		
Sony PVM14M2-MDU External color monitor OPTIONAL	Medical grade, high resolution, 14” CRT with interface cables. Worldwide power (100V-240V, 50/60HZ) and video (NTSC/PAL). North American power cord supplied by manufacturer.	P00555	\$1,560
Sony UP895 MD B&W Video printer OPTIONAL	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.	P01114	\$1,600
Sony UP 21MD Color video printer OPTIONAL	Medical grade, color video printer with interface cables. Worldwide power (100V-240V, 50/60HZ) and video (NTSC/PAL). North American power cord supplied by manufacturer.	P02755	\$2,600
Sony SVO 9500 MD OPTIONAL	(Recommended with the SiteStand with the SonoHeart ELITE. VCR bracket must be ordered for this configuration). Medical grade videocassette recorder with interface cables. NTSC video format only. AC power 120V, 60Hz. North American power cord supplied by manufacturer.	P00796	\$3,250
Peripherals – Non-Medical (Commercial) Grade:	OPTIONAL ITEMS		
Sony GV-D800 Video Walkman VCR OPTIONAL	Portable, Digital8® recorder with 4” color LCD active matrix screen. Worldwide power (100V-240V, 50/60HZ). NTSC video signal. North American power cord supplied by manufacturer.	L30200	\$1,600
Sony NP-F960 InfoLithium Battery OPTIONAL	High capacity Lithium-Ion battery to power GV-D800 Digital8® recorder. Provides remaining battery life status accurate to + or – one minute.	P01126	\$150
Accessories C1.9 – C1.99:			

SiteStand [®] mobile docking station OPTIONAL	Ergonomic stand secures SonoSite system, provides mobile work platform, recharges internal battery, connects to external printer and/or monitors and allows image download to a Windows [®] -based PC using SiteLink Image Manager (ordered separately). Supports audio out for SonoSite System (C1.99). <u>Includes accessory basket to hold gel, wipes and additional transducers.</u> Complete with power supply.	L02517	\$2,250
15" Flat Panel Display for SiteStand OPTIONAL	Auxiliary LCD monitor for the SiteStand mobile docking station. Worldwide power (100V – 240V, 50/60 Hz) and video (NTSC/PAL). Includes power supply, cabling, and mounting arm to connect to SiteStand.	P01909	\$3,000
VCR Bracket for SiteStand OPTIONAL	Mounts to the Sony SVO 9500 MD VCR to the SiteStand, includes cables, mounting hardware and instructions.	P02488	\$100
Basket for original SiteStand P00375 OPTIONAL	Accessories basket for SiteStand mobile docking station. Holds common ultrasound accessories such as gel, wipes, and additional transducers. Has dedicated ICT storage.	P01799	\$135
CRT Stand (4-week lead time /non-stock item) OPTIONAL	The CRT Stand is designed to provide a mobile work platform for a SonoSite system with a Sony PVM14M2-MDU medical grade color CRT monitor. Complete with wire storage basket, printer mounting bracket and user guide.	P01881	\$1,000
Basic Stand OPTIONAL	The Basic Stand secures a system and two transducers, providing a mobile work platform. Complete with wire storage basket, printer mounting bracket and user guide.	P01708	\$450
SiteLink Image Manager INCLUDED W/UNIT OPTIONAL FOR FST	Software package to enable image download, in full resolution .bmp format, from SonoSite systems to a Windows [®] -based PC. CD-ROM includes: SiteLink software, Irfanview image viewer program, and help files. Null modem cable also included. Requires use of SiteStand - or PC direct serial cable for PC interface w/ the SonoSite system.	P01370	\$820.00
PC Direct Serial Cable INCLUDED W/UNIT OPTIONAL FOR FST	Connects system to a PC for downloading images via SiteLink Image Manager. Requires P01370 version of SiteLink Image Manager.	P02046	\$82.00

180 PLUS RESUPPLY CONSUMABLES

NSN	Nomenclature	PN	QTY	UI	Unit Price	Total Price	MFG	Shelf Life, months	Refrig Y/N	CONUS Ship Time, weeks
6515015046163	Latex Probe Cover	610-214	1	50 PG	\$156.00	\$156.00	Civco Medical Instruments	N	N	2
6515012317249	Transmission Gel Ultrasound 0.25 liter	01-08	1	12s/PG	\$31.84	\$31.84	Parker Labs Inc.	N	N	2

3.5 x 20cm Latex Covers

These latex transducer covers are individually packaged with colored elastic bands in easy-to-open perforated bags. Conveniently packaged in a compact box, the covers offer an effective means to protect equipment, patients and professionals from the risks of cross-contamination.

REF. #	Product Description	Qty.
610-214	Sterile 3.5 x 20cm (1.4" x 7.9") latex cover	50
610-010	Non-sterile 3.5 x 20cm (1.4" x 7.9") latex cover	50



180 PLUS ACCESSORY START-UP

NSN	NOTES	Nomenclature	PN	QTY	UI	Unit Price	Total Price	MFG	Shelf Life, months	Refrig Y/N	CONUS Ship Time, weeks
	Included W/NSN	SONOSITE 180 PLUS	P02522	1	EA	\$8036.00	\$8036.00	SONOSITE	N	N	3
6525015023728	Included W/NSN	C15 e / 4-2, micro-curved array transducer	P02461	1	EA	\$8610.00	\$8610.00	SONOSITE	N	N	3
6525015023739	Included W/NSN	C60 / 5-2, curved array transducer	P02115	1	EA	\$4510.00	\$4510.00	SONOSITE	N	N	3
6525015036742	Included W/NSN	L38 / 10-5, linear array transducer	P04101	1	EA	\$8610.00	\$8610.00	SONOSITE	N	N	3
6525015023739	Included W/NSN	ICT / 7-4, intracavitary array transducer	P02450	1	EA	\$4510.00	\$4510.00	SONOSITE	N	N	3
6525014983603	Included W/NSN	Battery – PLUS/ELITE	P00049	2	EA	\$324.00	\$648.00	SONOSITE	N	N	3
6130014902678	Included W/NSN	SiteChargedual battery charger	L00552	1	EA	\$492.00	\$492.00	SONOSITE	N	N	3
6515015219530	Included W/NSN	Sonosite Military Hard Case	L03808	1	EA	\$820.00	\$820.00	SONOSITE	N	N	3
See Resupply	Included W/NSN	Transmission Gel Ultrasound0.25 liter	01-08	1	EA			Parker Labs Inc.	N	N	3
7610015436723	Included W/NSN	C1.99 PLUS and ELITE ultrasound system Service Manual	P02913	2	EA	\$28.70	\$57.40	SONOSITE	N	N	3
7610015437003	Included W/NSN	Sonosite Ultrasound System Users Guide	P02614	2	EA	\$28.70	\$57.40	SONOSITE	N	N	3
NO NSN Required	Included W/NSN	Sonosite Ultrasound System Quick Reference Guide	P02813	1	EA	\$20.50	\$20.50	SONOSITE	N	N	3
Not Sold Seperately	Included W/NSN	Sonosite Ultrasound System User Guide Supplement	P05020	1	EA			SONOSITE	N	N	3
Not Sold Seperately	Included W/NSN	Sonosite Imaging Accessory Manual		1	EA			SONOSITE	N	N	3
Not Sold Seperately	Included W/NSN	Medical Ultrasound Safety Manual	P00809	1	EA			SONOSITE	N	N	3
	Included W/NSN	Power Cord	P00848	2	EA	\$16.40	\$32.80	SONOSITE	N	N	3
6525015131550	Included W/NSN	Power Supply, 85-264 VAC, 50/60 Hz, 16VDC 45 Watts	L00538	2	EA	\$77.90	\$155.80	SONOSITE	N	N	3
NO NSN Required	Included W/NSN	Cable Printer, Control	P00537	1	EA	\$24.60	\$24.60	SONOSITE	N	N	3
NO NSN Required	Included W/NSN	Cable, RCA/BNC, Video	P00536	1	EA	\$28.70	\$28.70	SONOSITE	N	N	3
NO NSN Required	Included W/NSN	Sitelink Image Manager CD	P01370	1	EA	\$820.00	\$820.00	SONOSITE	N	N	3
NO NSN Required	Included W/NSN	Sitelink DICOM (1.0)	P04049	1	EA	\$1640.00	\$1640.00	SONOSITE	N	N	3
NO NSN Required	Included W/NSN	Cable, Serial, Null, Modem	P01568	1	EA	\$9.84	\$9.84	SONOSITE	N	N	3
6515015084541	Included W/NSN	Cable, Serial, PC Direct	P02046	1	EA	\$82.00	\$82.00	SONOSITE	N	N	3



**ULTRASOUND SYSTEM IN HARD CASE
NSN 6525-01-523-0664**

A full line of broadband transducers

SonoSite manufactures a variety of high-quality broadband transducers. They are lightweight, ergonomically designed for optimal user comfort, rugged and feature rapid, pinless connectors.



L38/10-5

38-mm broadband
linear array

Clinical Applications

- Small parts imaging: thyroid, testicular, and musculoskeletal
- Breast
- Vascular



Ultrasound guided procedures:

Line placements, biopsies, drainage procedures

Imaging Modes:

2D, M-mode, Color Power Doppler, Pulsed Wave Doppler (option)

Physical Characteristics

Frequency: broadband 10-5 MHz

Maximum Depth: 7 cm

Maximum Field of View: 38 mm

Aperture: 38 mm

Biopsy guide:

for 14-23 gauge needles with depth range from 0.7-3.4 cm

C15/4-2

15-mm broadband
array transducer

Clinical Applications

- Adult cardiac
- General-purpose abdominal
- Trauma Assessment (F.A.S.T. exam)
- General Imaging: abdominal and thoracic



Imaging Modes:

2D, M-mode, Color Power Doppler, PowerMap Directional Color Power Doppler in cardiac settings, Pulsed Wave Doppler (option), Tissue Harmonic Imaging (option)

Physical Characteristics

Frequency: broadband 4-2 MHz

Maximum Depth: 24.6 cm

Maximum Field of View: 101°

C60/5-2

60-mm broadband curved array

Clinical Applications

- General-purpose abdominal
- Obstetric
- Gynecologic

Imaging Modes:

2D, M-mode, Color Power Doppler, PowerMap Directional Color Power Doppler, Pulsed Wave Doppler (option), Tissue Harmonic Imaging (option)

Physical Characteristics

Frequency: broadband 5-2 MHz

Maximum Depth: 22 cm

Maximum Field of View: 57°



ICT/7-4

11-mm broadband intercavitary array

Clinical Applications

- Gynecologic
- Obstetric
- Urologic

Ultrasound Guided Procedures:

Tissue sample retrieval

Imaging Modes:

2D, M-mode, Color Power Doppler, Pulsed Wave Doppler, Pulsed Wave Doppler (optional)

Physical Characteristics

Frequency: broadband 7-4 MHz

Maximum Depth: 10.4 cm

Maximum Field of View: 135°

Biopsy Guide:

for 16-18 gauge needles with depth range from 0.5-7.0 cm

