

**ULTRASOUND, PORTABLE 180 SONOSITE SYSTEM TOC**

**SONOSITE, INC**

**MODEL 180Plus**

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

**Website: <http://www.sonosite.com/content/view/37/185/>**

**AAC "W" ITEM NSN 6525-01-507-0073**

**AAC "J" ITEM NSN 6525-01-503-7182**

**UA's: 2267, 4901, 4905, 5267**

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

**PRICE: 36,462.98**

**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

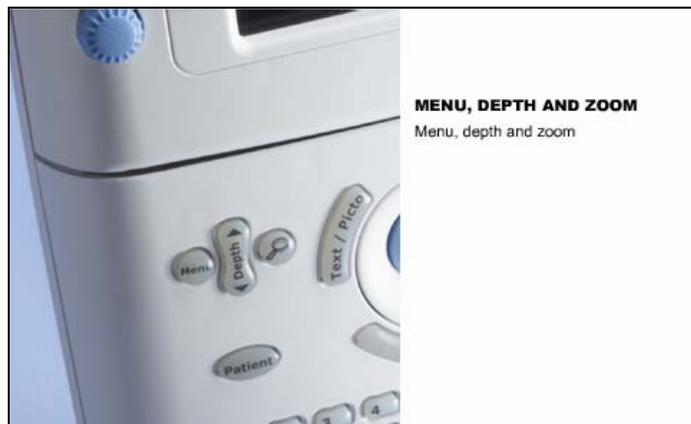
<b>Dimensions</b>	<b>Height</b>	13.3 inches	
	<b>Width</b>	7.6 inches	
	<b>Depth</b>	2.5 inches	
	<b>Cube</b>	0.14cuft	
<b>Weight</b>		5.4 lbs	
<b>Power Requirements</b>		12 VDC or 120 VAC	
<b>Battery Life</b>		1.5hrs – 4.0hrs fully charged	
<b>Battery characteristics</b>		Lithium Ion	



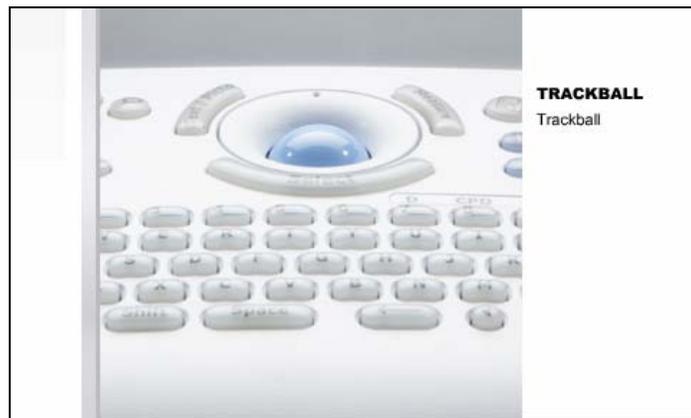
MENU SELECT CONTROLS FIGURE 1



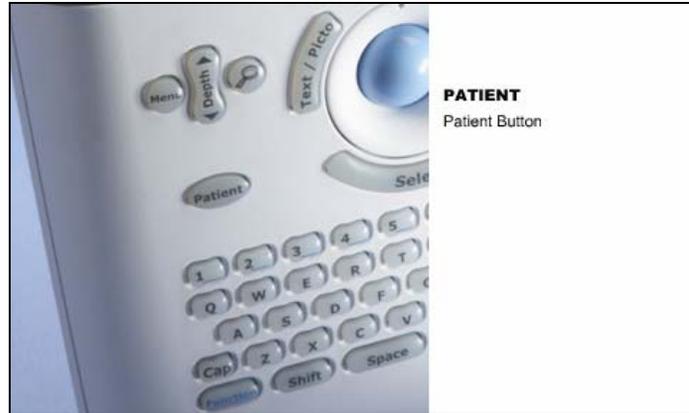
**NEAR/FAR/GAIN AJUSTORS FIGURE 2**



**MENU, DEPTH AND ZOOM FIGURE 3**



**TRACKBALL FIGURE 4**



**PATIENT**  
Patient Button

**PATIENT BUTTON FIGURE 5**



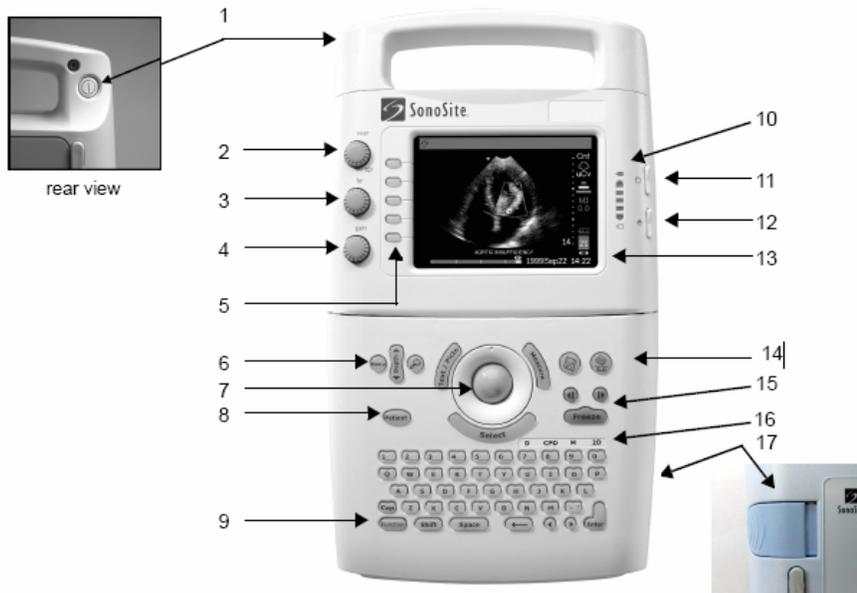
**ARROW AND FREEZE KEYS**  
Cine Arrow and Freeze keys

**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		

## ULTRASOUND CONSUMABLES AND ACCESSORIES

### Package Order for FST and Vet Sets only

Hand-Carried Ultrasound Systems:		PART NO.	PRICE	<i>QTY</i>
<b>Transducers (C1 products):</b>	<b>NOTE:</b> Transducers on this price list have the current version software and the existing customer system may require an update to ensure transducer compatibility.			
<b>SonoSite 180 PLUS &amp; ELITE Fourth Generation (1.99)</b>	Portable ultrasound system includes: 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.			
	<b>180PLUS</b> Does not support Continuous Wave (CW) Doppler.	L02464	\$8036.00	1
C15 e / 4-2, micro-curved array transducer	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	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	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	P04101	\$8610.00	1

	connector. Compatible with biopsy guide part number P01300. Not compatible with 1 <sup>st</sup> generation systems.			
ICT / 7-4, intracavitary array transducer	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 <sup>st</sup> generation systems.	P02450	\$4510.00	1
Battery – PLUS/ELITE	11.1 volt, 3.0 amp-hour rechargeable lithium-ion battery.	P00049	\$324	1
<b>SiteCharge®</b> dual battery charger	Desktop charger used to recharge two system batteries at a time. Recommended for heavy battery use environments.	L00552	\$492	
Sonosite Military Hard Case		P03808	\$656.00	

### 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	<b>SiteChargedual battery charger</b>	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
6515015084541	Included W/NSN	Cable, Serial, PC Direct	P02046	1	EA	\$82.00	\$82.00	SONOSITE	N	N	3



**SONOSITE, ULTRASOUND MODEL 180Plus  
WITH HARDENED CASE**

## **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