



**VETERINARY
EQUIPMENT SET
SERVICE FIELD**

**Support and Consumables
Handbook**

6545-01-508-6972

UA 4901

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October 2007

U.S. Army Medical Materiel Agency

The information contained in this manual was prepared
by the U.S. Army Medical Materiel Agency,
PMO, Medical Devices,
Acquisition Information Division,
Fort Detrick, MD

This manual is still in draft form and may contain inaccuracies.

To report inaccuracies or additions, please contact:

Customer Relations Management

301-619-4301/6901/1288, DSN 343-4301/6901/1288, or at

USAMMACRM@amedd.army.mil

Responses may also be mailed to:

Commander

U.S. Army Medical Materiel Agency (USAMMA)

MCMR-MMO-OC

693 Neiman Street

Fort Detrick, MD 21702-5001

**For additional equipment item information, visit the
USAMMA Medical Equipment Literature section on the web at**

<http://www.usamma.army.mil/med equip lit cdroms.cfm>

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<http://www.usamma.army.mil/assets/docs/Master%20Table%20of%20Contents.pdf>

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**NOTE: CLICK ON TITLE
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Please provide all comments at the website link listed below.

https://ice.disa.mil/index.cfm?fa=card&site_id=750&service_provider_id=102377

Select: EQUIPMENT PUBLICATIONS BUTTON AT TOP OF FORM

ANESTHESIA MACHINE PORTABLE COMPACT

TOC

MANUFACTURER: OCEANIC MED PRODUCTS, INC.

Manufacturer Model# 2200

Manufacturer's PHONE: (913) 874-2000 FAX: (913) 874-2005

Manufacturer's Website: <http://www.oceanicmedical.com>

AAC 'J' ITEM NSN 6515-01-503-5331

USAMMA POC: Customer Relations Management 301-619-4301/6901 - DSN 343-4301/6901

UNIT PRICE: \$22,805.00

System Description: The Magellan-2200 Anesthesia Machine is compact, robust and flexible, easy to move and was designed for military field hospitals, general civilian hospitals, office-based anesthesia and surgery centers of every description. It is pneumatically powered and contains an electronic ventilation monitor that is A/C or battery powered. The Magellan-2200 may be mounted on a tabletop or on a mobile cart. The unit is designed as a simple to operate unit containing all of the modes and necessary components to deliver a basic anesthetic, including a mechanical ventilator and a single agent vaporizer. All of the safety systems required are employed onboard and easy to utilize.

Tests performed: All Anesthesia cases with a single agent vaporizer.



MAGELLAN 2200 PORTABLE ANESTHESIA MACHINE
PART # OMP-2200MI
NSN 6515015035331



ANESTHESIA HARDENED CASE (ARMY CASE IS GRAY)
PART # O-A104
NSN 6515015331279



ANESTHESIA UNIT WITH HARDENED CASE



LID OF ANESTHESIA CASE WITH COMPONENTS



NOMENCLATURE OF COMPONENTS FOR THE LID OF ANESTHESIA CASE



**AIR COMPRESSOR CASE
PART # O-A102
NSN 4310015329887**



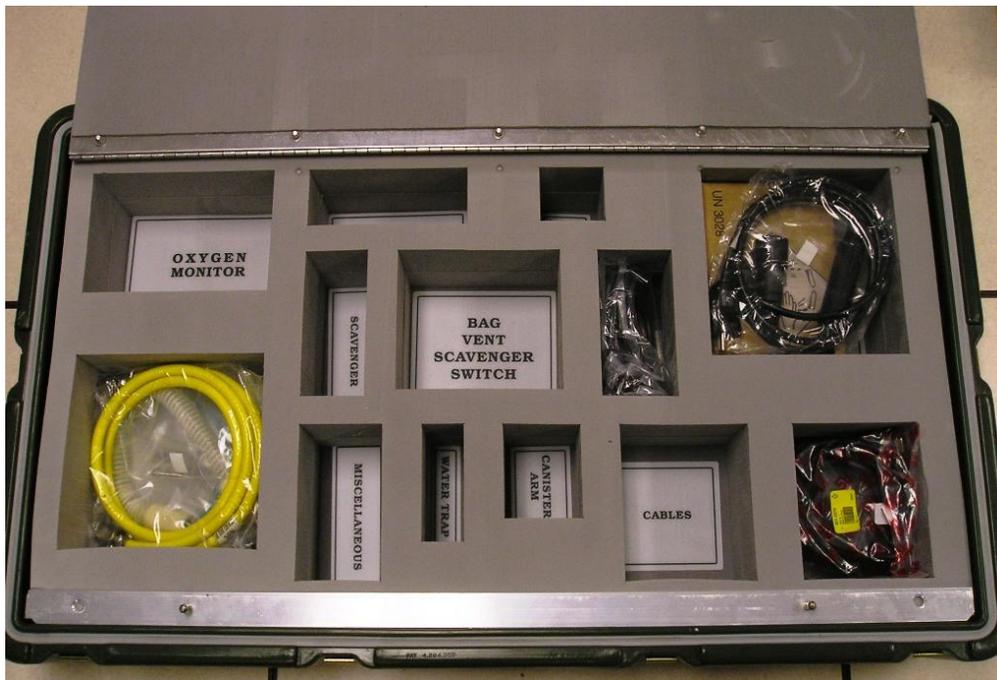
**AIR COMPRESSOR
PART # O-A101
NSN 4310015329886**



**UPGRADE KIT ANESTHESIA MACHINE PORTABLE
PART # MAG2200K
NSN 6515015420324
MODEL 2 SHOWN WITH ISOFLURANE VAPORIZER**



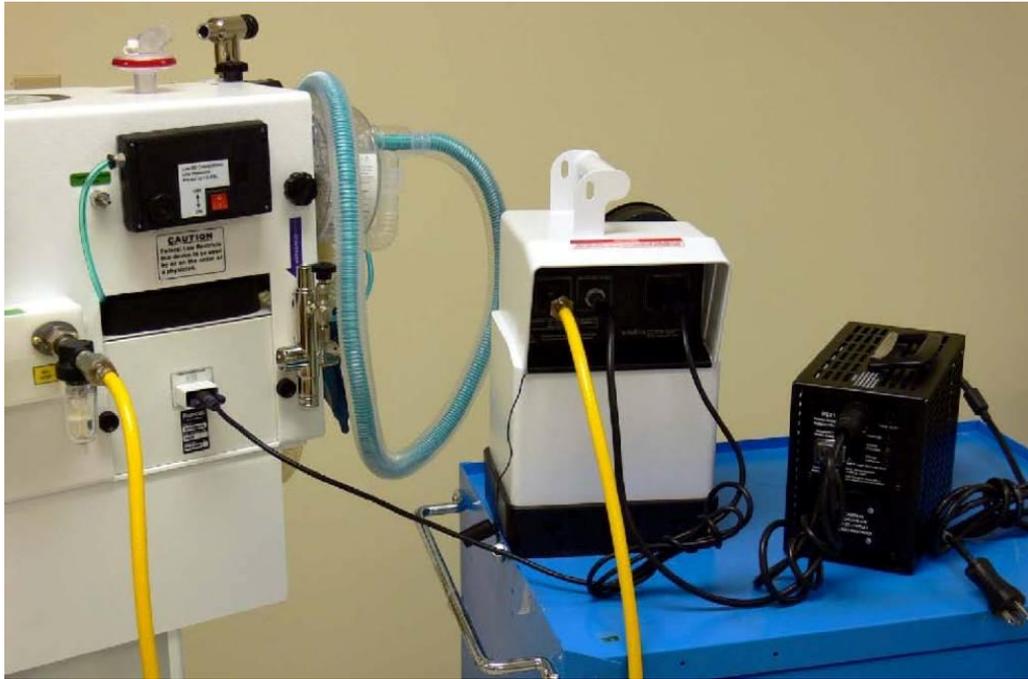
**MAGELLAN MODEL 2 CASE
PART # B-112**



CASE LID, STORAGE FOR COMPONENTS



**CO2 CANISTER
PART # A-124**



**BACK OF MAGELLAN SHOWING UPGRADED COMPRESSOR AND BATTERY UNIT
PART # B-102**



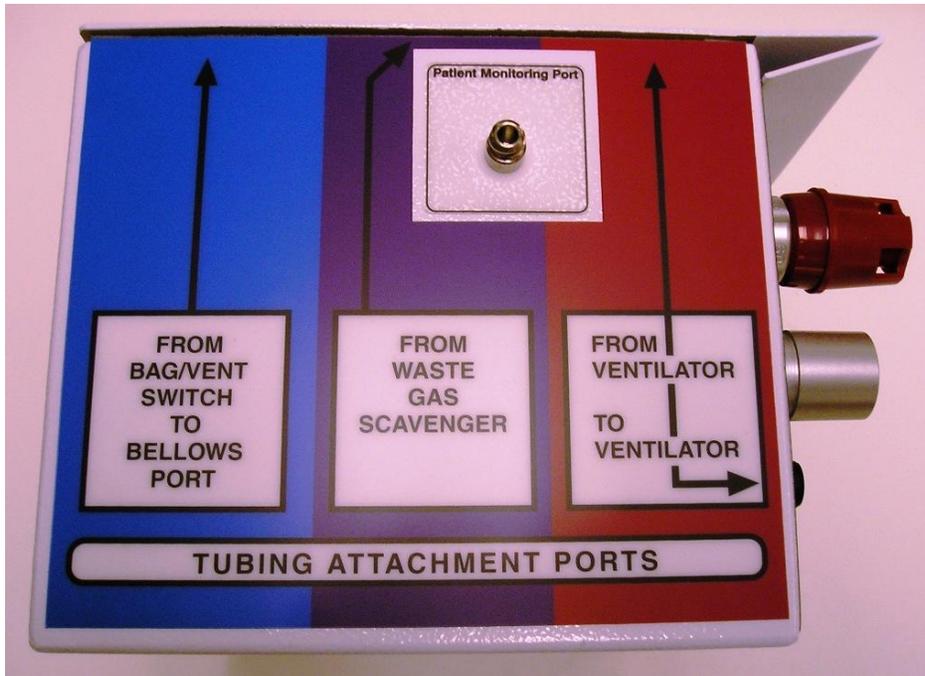
COMPRESSED AIR FILTER



COMPRESSED AIR HOSE



VENTILATOR FOR MODEL 2 (NOT INSTALLED YET)



VENTILATOR FOR MODEL 2 SIDE VIEW



OXYGEN MONITOR WITH SENSOR SHOWN AT RIGHT

**ANESTHESIA MACHINE PORTABLE COMPACT
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

Item Dimensions	Height (Inches)	23
	Width (Inches)	17
	Length (Inches)	23
	Cube (Cubic Feet)	5.2043
	Weight	100 lbs.
Ship Dimensions	Height (Inches)	
	Width (Inches)	
	Length (Inches)	
	Cube (Cubic Feet)	
	Weight	
Storage Temp		
Operating Temp		35° F to +160° F
Storage Humidity		40 to 90% Non-Condensing
Operating Humidity		30 to 90% Non-Condensing
Amps		5
Watts		600
Power Requirements	120 volts, 60 Hz	
Notes		

**ANESTHESIA MACHINE PORTABLE COMPACT
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Oceanic Med Products, Inc.	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6515015035331		Anesthesia Machine Portable Compact	2200		1	EA	\$22,805.00	\$22,805.00	N/A
4310015329881		Air Compressor w/Transport Case	O-A100		1	EA	Incl w/NSN 5331	Incl w/NSN 5331	N/A
4310015329886		Air Compressor	O-A101		1	EA	Incl w/NSN 5331	Incl w/NSN 5331	N/A
4310015329887		Compressor Case	O-A102		1	EA	Incl w/NSN 5331	Incl w/NSN 5331	N/A
6505001415000		Sod Bicarb USP 1lb	NDC00395 -2685-01		1	CO	Incl w/NSN 5331	Incl w/NSN 5331	N/A
6505013628311		Soda Lime NF 2.5 lbs Cartridge, 12s	Sodasorb pre pak		6	PG	Incl w/NSN 5331	Incl w/NSN 5331	24
6505014437083		Sevoflurane Liquid USP 100ml 6s	NDC00074 -4456-04		3	PG	Incl w/NSN 5331	Incl w/NSN 5331	24
6505015331104		Sevoflurane Vaporizer	O-25.1/S		1	EA	Incl w/NSN 5331	Incl w/NSN 5331	N/A
6515015330980		PEEP Valve	O-A110		1	EA	Incl w/NSN 5331	Incl w/NSN 5331	N/A
6515015331174		Replacement Sensor for O ² Analyzer	O-105A		1	EA	Incl w/NSN 5331	Incl w/NSN 5331	N/A
6515015331177		Oxygen Analyzer	O-A105		1	EA	Incl w/NSN 5331	Incl w/NSN 5331	N/A
6515015331216		Reusable Bundle	O-A109		1	EA	Incl w/NSN 5331	Incl w/NSN 5331	N/A
6515015331279		Anesthesia Apparatus Case	O-A104		1	EA	Incl w/NSN 5331	Incl w/NSN 5331	N/A
6515015333323		Annual Maintenance Kit	O-A108		1	EA	Incl w/NSN 5331	Incl w/NSN 5331	N/A
6530015331102		Water Trap	O-A103		1	EA	Incl w/NSN 5331	Incl w/NSN 5331	N/A
6530015331169		Isoflurane Vaporizer	O-25.1/I		1	EA	Incl w/NSN 5331	Incl w/NSN 5331	N/A
7610015375157		CD, Operation/ Service Manual	25		1	EA	Incl w/NSN 5331	Incl w/NSN 5331	N/A
See Resupply		9 Volt Battery			1	EA	Incl w/NSN 5331	Incl w/NSN 5331	N/A
See Resupply		Battery AA 1.5 volts			1	EA	Incl w/NSN 5331	Incl w/NSN 5331	N/A

**ANESTHESIA MACHINE PORTABLE COMPACT
ACCESSORIES & CONSUMABLES - RESUPPLY**

NSN	Notes	Nomenclature	MFR PN Oceanic Med Products, Inc.	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6135009002139		9 Volt Battery	MN1604		1	PG	\$10.70	\$10.70	N/A
6135009857845		Battery Non-Rechargeable Alkaline 1.5v AA Cell	C18.1		1	PG	\$4.78	\$4.78	N/A
6505001415000		Sod Bicarb USP 1lb	NDC00395 -2685-01		1	CO	\$2.88	\$2.88	N/A

ACCESSORIES & CONSUMABLES - RESUPPLY

NSN	Notes	Nomenclature	MFR PN Oceanic Med Products, Inc.	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6505013628311		Soda Lime NF 2.5 lbs Cartridge, 12s	Sodasorb pre pak		6	PG	\$59.12	\$354.72	24
6505014437083		Sevoflurane Liquid USP 100ml 6s	NDC00074 -4456-04		2	PG	\$319.05	\$638.10	24
6515015331174		Replacement Sensor for O ² Analyzer	O-105A		1	EA	\$150.00	\$150.00	N/A
6515015331216		Reusable Bundle	O-A109		1	EA	\$1,200.00	\$1,200.00	N/A
6530015331102		Water Trap	O-A103		1	EA	\$100.00	\$100.00	N/A

ANESTHESIA MACHINE PORTABLE COMPACT

ADDITIONAL NOTE:

The SG's consultant for Nurse Anesthetists has stated that he envisions One Reusable Bundle to accompany each anesthesia machine, and that for deployment the logistician should assume that one of the disposable kits will be used with each surgery patient. Therefore, the logistician should plan for around 10 surgical procedures per machine per day.

ANESTHESIA MACHINE PORTABLE COMPACT
ITEM TABLES

Reusable Product Bundle Contents

Component	Quantity
Mask Hook Rings	2
72" Silicone Respiration Tubing/16mm	2
1.0L Silicone Breathing Bag	1
12" Silicone Respiration Tubing/ 16mm	1
KAB Absorber (without APL Valve)	1
Head Strap-Latex Free	1
12" Reusable Tubing	3
30mm x 19mm Connector	1
3.0L Silicone Breathing Bag	2
Right Angle Elbow (w/female luer lock)	1
Ported Y-Connector	1
22mm T-Connector	1
Mask - Size 0	1
Mask - Size 1	1
Mask - Size 2	1
Silicone Face Mask - Size 3	1
Silicone Face Mask - Size 4	1
Silicone Face Mask - Size 5	1

UPGRADE KIT ANESTHESIA MACHINE PORTABLE END ITEM 6515015330968

NSN	Nomenclature	PN	QTY	UI
6515015420324	Upgrade Kit Anesthesia Machine Portable	MAG2200K	1	EA
	Model 2 Case	B-112	1	EA
6515015483717	Model 2 Ventilator	B-101	1	EA
6515015480265	Model 2 Air Filter System	B-107	1	EA
6515015484317	Model 2 Bag Vent Switch Filter	B-110	1	EA
6910015480020	Model 1 to 2 Conversion Instruction	B-111	1	EA

Items Listed Below Included in Model 2 Ventilator B-101

NSN	Nomenclature	PN	QTY	UI
	Model 2 Air Compressor and Battery Charger	B-102	1	EA
	Model 2 Battery	B-103	1	EA
	Model 2 Power Supply	B-104	1	EA
	Model 2 Cable Set	B-105	1	EA
7610015436723	Model 2 Operator and Service Manual CD	B-106	1	EA

Items Listed Below Included in Model 2 Air Filter System B-107

NSN	Nomenclature	PN	QTY	UI
	Model 2 Instructional Video CD	B-108	1	EA
	Model 2 Tubing and Valve Set	B-109	1	EA

CONCENTRATOR OXYGEN 1-5 LPM

TOC

MANUFACTURER: AIRSEP NEWLIFE ELITE

Manufacturer Model# ELITE AS5002

Manufacturer's PHONE: (716) 691-0202 FAX: (716) 691-0174

Manufacturer's Website: <http://www.airsep.com>

AAC 'J' ITEM NSN 6515-01-434-4629

USAMMA POC: Customer Relations Management 301-619-4301/6901 - DSN 343-4301/6901

UNIT PRICE: \$926.08

System Description: Produces from 1 to 3 liters per minute of therapeutic oxygen, purity levels of up to 95.5%, 4 LPM AT 92% \pm 3%, and 5 LPM AT 90% \pm 3%. This system has built-in alarms for power failure and high/low pressure. Includes filters to remove dust, bacteria and other particulates, provides for the attachment of an in-line humidifier to humidify. The gas mixture delivered to the patient for use in producing oxygen rich gas mixture by drawing in room air and extracting the oxygen. This is a large, easy-to-read flow meter with back-lines for accurate flow settings. The built-in handles make it easy to move or lift. The large casters glide easily over virtually any flooring surface.



**CONCENTRATOR OXYGEN 1-5 LPM
PART # ELITE AS5002
NSN 6515014344629**

**CONCENTRATOR OXYGEN 1-5 LPM
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

Item Dimensions	Height (Inches)	27.5
	Width (Inches)	16.7
	Length (Inches)	14.5
	Cube (Cubic Feet)	3.8537
	Weight	54 lbs.
Ship Dimensions	Height (Inches)	
	Width (Inches)	
	Length (Inches)	
	Cube (Cubic Feet)	
	Weight	
Storage Temp		4° to 140° F
Operating Temp		40° to 105 ° F
Storage Humidity		0 to 95%
Operating Humidity		0 to 95%
Amps		4
Watts		480
Power Requirements	120 VAC, 60 Hz	
Notes	<p>Alarms: Power failure, High and low pressure, Temperature, Battery test, Low purity (Oxygen monitor with optional EcoCheck)</p> <p>Performance: 92% at 1-3 LPM, 89% at 1-4 LPM, 82% at 1-5 LPM</p>	

**CONCENTRATOR OXYGEN 1-5 LPM
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Airsep Newlife Elite	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6515014344629		Concentrator Oxygen 1-5 LPM	ELITE AS5002		1	EA	\$926.08	\$926.08	N/A
6515011405343		Mask, Rebreathing, Adult	1009		1	50/PG	Incl w/NSN 4629	Incl w/NSN 4629	N/A
6515011535584		Mask Oronasal Child	1042		1	50/PG	Incl w/NSN 4629	Incl w/NSN 4629	N/A
6515013656206		Mask Oronasal Child	1011		1	50/PG	Incl w/NSN 4629	Incl w/NSN 4629	N/A
6515014580522		Nasal Cannula, Oxygen, 84 inch Non-Flared	1103		1	50/PG	Incl w/NSN 4629	Incl w/NSN 4629	N/A
6515014724663		Filter Bacteria	F1001-1		1	EA	Incl w/NSN 4629	Incl w/NSN 4629	N/A
7610015379355		Operating/Service Manual	MN105-1		1	EA	Incl w/NSN 4629	Incl w/NSN 4629	N/A

**CONCENTRATOR OXYGEN 1-5 LPM
ACCESSORIES & CONSUMABLES - RESUPPLY**

NSN	Notes	Nomenclature	MFR PN Airsep Newlife Elite	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6515011405343		Mask, Rebreathing, Adult	1009		1	50/PG	\$93.25	\$93.25	N/A
6515011535584		Mask Oronasal Child	1042		1	50/PG	\$100.23	\$100.23	N/A
6515013656206		Mask Oronasal Child	1011		1	50/PG	\$109.72	\$109.72	N/A
6515014580522		Nasal Cannula, Oxygen, 84 inch Non-Flared	1103		1	50/PG	\$28.50	\$28.50	N/A
6515014724663		Filter Bacteria	F1001-1		1	EA	\$4.20	\$4.20	N/A
7610015379355		Operating/Service Manual	MN105-1		1	EA	\$11.00	\$11.00	N/A

STERILIZER SURGICAL INSTRUMENT STEAM

[TOC](#)

DISTRIBUTOR: GSS INC.

MANUFACTURER: TUTTNAUER USA CO.

Distributor Model# TUT2540MPACKAGEEA

Manufacturer Model# 2540M

Distributor's PHONE: (703) 734-1805 FAX: (703) 734-1803

Manufacturer's PHONE: (631) 737-4850 FAX: (631) 737-0720

Distributor's Website: <http://www.govsci.com>

Manufacturer's Website: <http://www.tuttnauer.com>

Item Web Link:

<http://www.tuttnauer.com/products/laboratory-autoclaves/benchttop-laboratory-sterilizers/ml-semi-automatic-benchttop-sterilizers>

AAC 'J' ITEM NSN 6530-01-531-4807

ECAT Item Number: TUT2540MPACKAGEEA

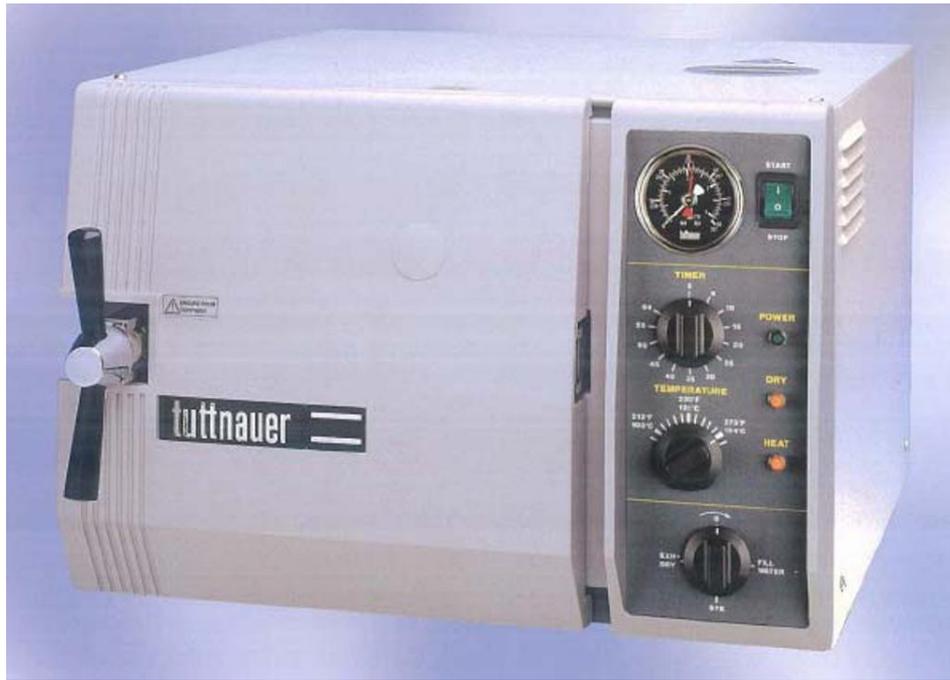
UA's: 267B, 274A, 512A, 905C, 912B

USAMMA POC: Customer Relations Management 301-619-4301/6901 - DSN 343-4301/6901

UNIT PRICE: \$3,611.54

System Description: Tuttnauer manual autoclaves set the standard for steam sterilization. The Tuttnauer manual autoclave is designed to compliment any healthcare and laboratory facility. Our basic manual autoclave will satisfy all of your sterilization needs. Time tested reliability and durability are built into every Tuttnauer product. The Tuttnauer M Series is also available in a quick cycle model. This sterilizer offers all the proven, dependable features of our manual autoclave, with the added benefit of reducing the total sterilization cycle time by 50%. Speed and reliability are accomplished without sacrificing load size. This is the perfect choice for quick instrument turn-around or a high-volume office.

- Features:**
- Sterilizer is a table top steam autoclave
 - Heat insulation and quiet operation for pleasant environment
 - Durable 316L stainless steel chamber and door with electro-polish finish
 - Double locking safety device prevents door from opening while chamber is pressurized
 - Steam pressure activated lock prevents door from opening if chamber is pressurized
 - Door failure protection prevents door from opening at high pressure
 - Automatic safety shutoff prevents overheating
 - Insufficient water detector with automatic shutoff
 - Fast cycle time: 14 minutes from a hot start; 22 minutes from a cold start
 - Drain valve located on the front, allowing for quick and easy draining of water reservoir
 - Sterilization cycle and separate drying cycle feature automatic shut off



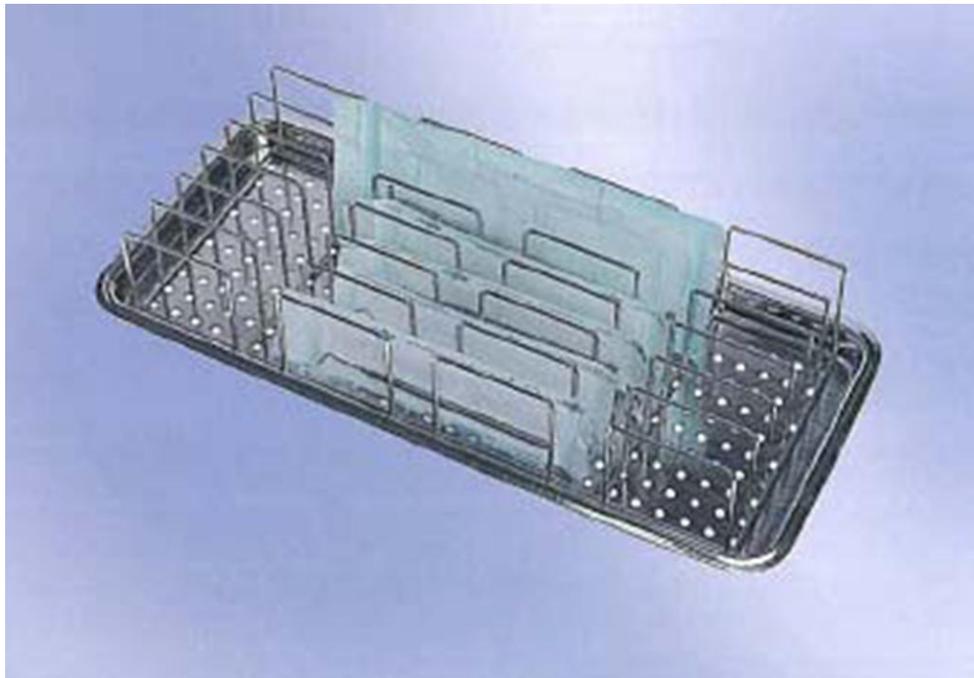
**STERILIZER SURGICAL INSTRUMENT STEAM
PART # 2540M
NSN 6530015314807**



**HARDENED CASE FOR THE TUTTNAUER STERILIZER
PART # HDD041805200
NSN 6530015392908**



STERILIZER SHOWN IN HARDENED CASE



**INSTRUMENT POUCH RACK
PART # AR910
NSN 6530015408014**



DISTILLER UNIT WATER
PART # 9000
NSN 6530015329092
Found in UA Support

**STERILIZER SURGICAL INSTRUMENT STEAM
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

Item Dimensions	Height (Inches)	14
	Width (Inches)	20
	Length (Inches)	20
	Cube (Cubic Feet)	3.2407
	Weight	33 Lbs
Ship Dimensions	Height (Inches)	21
	Width (Inches)	25
	Length (Inches)	28
	Cube (Cubic Feet)	8.5069
	Weight	80 Lbs
Storage Temp		59 to 95 ° F
Operating Temp		59 to 95 ° F
Storage Humidity		0 to 85%
Operating Humidity		0 to 85%
Amps		12/6
Watts		1400
Power Requirements	120/230 VAC 50/60 Hz 12 amps at 120VAC	
Notes	Chamber Volume: 23 liter Number of Trays: 4 Tray Dimensions: 6.6 inches wide X 0.8 inches height X 16.3 inches deep	

**STERILIZER SURGICAL INSTRUMENT STEAM
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Tuttnauer USA Co.	DIST PN GSS Inc.	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6530015314807		Sterilizer Surgical Instrument Steam		2540M	1	EA	\$3,611.54	\$3,611.54	N/A
6530015392908		Case, Hardened		HDD04180 5200	1	EA	Incl w/NSN 4807	Incl w/NSN 4807	N/A
7610015408195		Manual, Operation/Service		EMHC01.	1	EA	Incl w/NSN 4807	Incl w/NSN 4807	N/A

**STERILIZER SURGICAL INSTRUMENT STEAM
ACCESSORIES & CONSUMABLES - RESUPPLY**

NSN	Notes	Nomenclature	MFR PN Tuttnauer USA Co.	DIST PN GSS Inc.	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6530015392908		Case, Hardened		HDD04180 5200	1	EA	\$851.65	\$851.65	N/A
6530015408014		Pouch Rack		AR910	1	EA	\$43.79	\$43.79	N/A
6530015408023		Tray		CT620010	1	EA	\$65.55	\$65.55	N/A
7610015408195		Manual, Operation/Service		EMHC01.	1	EA	\$1.00	\$1.00	N/A

STERILIZER SURGICAL INSTRUMENT STEAM
WEB LINKS

[Click Below for Product Brochure](#)

<http://www.tuttnauer.com/sites/default/files/Tabletop%20Line%20-%20Automatic%20and%20Semi-Automatic%20Autoclaves%20-%20English_0.pdf>

[Click Below for Technical Specifications](#)

<http://www.tuttnauer.com/category/products/dental_private_clinics_autoclaves/manual_sterilizers/technical_specification/main>

ULTRASOUND PORTABLE 180 SONOSITE SYSTEM

TOC

MANUFACTURER: SONOSITE INC.

Manufacturer Model# 180PLUS

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

Manufacturer's Website: <http://www.sonosite.com>

AAC 'J' ITEM NSN 6525-01-503-7182

USAMMA POC: Customer Relations Management 301-619-4301/6901 - DSN 343-4301/6901

UNIT PRICE: \$36,462.98

System Description: Lightweight portable diagnostic ultrasound device used for assessment of trauma, 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).

Features: CLINICAL APPLICATIONS:

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



ULTRASOUND, PORTABLE 180 SONOSITE SYSTEM
PART # 180Plus
NSN 6525015037182



ULTRASOUND, PORTABLE 180 SONOSITE SYSTEM
PART # 180Plus
NSN 6525015037182



MENU SELECT CONTROLS

Menu select controls

MENU SELECT CONTROLS
FIGURE 1



NEAR/FAR/GAIN ADJUSTORS

Affects near, far and overall gain

NEAR FAR GAIN ADJUSTORS
FIGURE 2



MENU, DEPTH AND ZOOM

Menu, depth and zoom

MENU, DEPTH AND ZOOM
FIGURE 3



TRACKBALL

Trackball

TRACKBALL
FIGURE 4



PATIENT
Patient Button

PATIENT BUTTON
FIGURE 5



ARROW AND FREEZE KEYS
Cine Arrow and Freeze keys

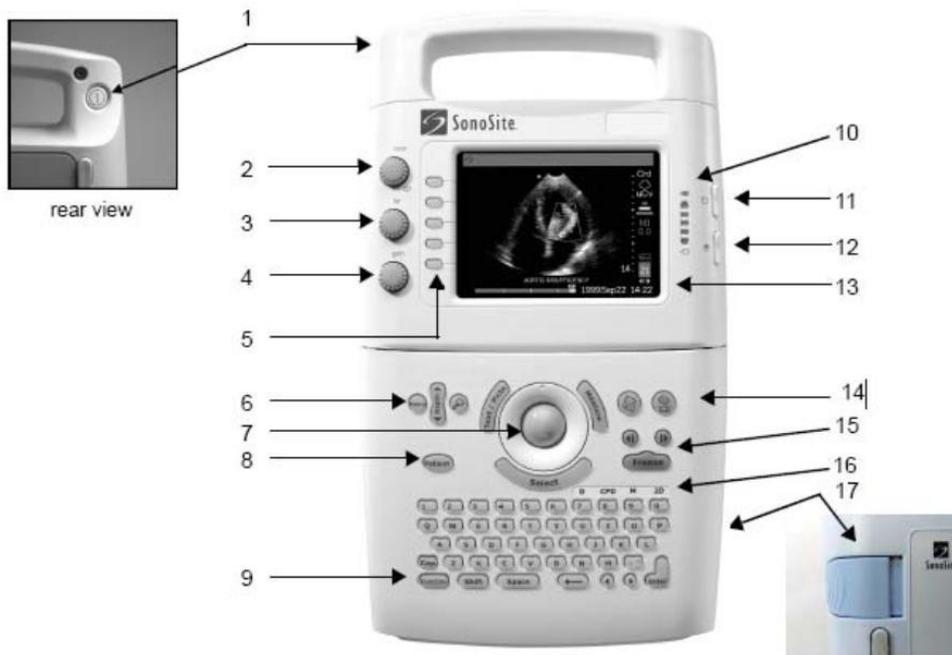
ARROW AND FREEZE KEYS
FIGURE 6



LCD CONTROLS

Brightness and Contrast Controls

LCD CONTROLS
FIGURE 7



FUNCTION GUIDE DIAGRAM

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		

FUNCTION GUIDE

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



**LATEX COVERS, STERILE
PART # 610-214
NSN 6515015046163**



**SONOSITE, UNTRASOUND 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.



TRANSDUCERS

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



**L38 10-5 38-MM BROADBAND LINEAR ARRAY
PART # P04101
NSN 6525015036742**

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°



**C15-4-2 15-MM BRODBAND ARRAY TRANSDUCER
PART # P04102
NSN 6525015343358**

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°



C60-5-2 60-MM BROADBAND CURVED ARRAY
PART # P02150
NSN 6525015023739

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



ICT 7-4 11-MM BROADBAND INTERCAVITY ARRAY
PART # P02450
NSN 6525015023734

**ULTRASOUND PORTABLE 180 SONOSITE SYSTEM
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

Item Dimensions	Height (Inches)	13.3
	Width (Inches)	7.6
	Length (Inches)	2.5
	Cube (Cubic Feet)	0.1462
	Weight	5.4 lbs.
Ship Dimensions	Height (Inches)	
	Width (Inches)	
	Length (Inches)	
	Cube (Cubic Feet)	
	Weight	
Storage Temp		
Operating Temp		
Storage Humidity		
Operating Humidity		
Amps		
Watts		
Power Requirements	12 VDC or 120 VAC, Battery life - 1.5 to 4 hours fully charged, lithium Ion	
Notes		

**ULTRASOUND PORTABLE 180 SONOSITE SYSTEM
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Sonosite Inc.	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6525015037182		Ultrasound Portable 180 Sonosite System	180Plus		1	EA	\$36,462.98	\$36,462.98	N/A
	NSN Not Required	Cable Printer, Control	P00537		1	EA	Incl w/NSN 7182	Incl w/NSN 7182	N/A
	NSN Not Required	Cable, RCA/BNC, Video	P00536		1	EA	Incl w/NSN 7182	Incl w/NSN 7182	N/A
		Power Cord	P00848		2	EA	Incl w/NSN 7182	Incl w/NSN 7182	N/A
		Sonosite 180 Plus	P02522		1	EA	Incl w/NSN 7182	Incl w/NSN 7182	N/A
	NSN Not Required	Sonosite Ultrasound System Quick Reference Guide	P02813		1	EA	Incl w/NSN 7182	Incl w/NSN 7182	N/A
	Not Sold Seperately	Sonosite Ultrasound System User Guide Supplement	P05020		1	EA	Incl w/NSN 7182	Incl w/NSN 7182	N/A
6130014902678		SiteCharge Dual Battery Charger	L00552		1	EA	Incl w/NSN 7182	Incl w/NSN 7182	N/A
6515015219530		Sonosite Military Hard Case	L03808		1	EA	Incl w/NSN 7182	Incl w/NSN 7182	N/A
6525015023734		ICT / 7-4, Intracavitary Array Transducer	P02450		1	EA	Incl w/NSN 7182	Incl w/NSN 7182	N/A
6525015023739		C60 / 5-2, Curved Array Transducer	P02115		1	EA	Incl w/NSN 7182	Incl w/NSN 7182	N/A
6525015036742		L38 / 10-5, Linear Array Transducer	P04101		1	EA	Incl w/NSN 7182	Incl w/NSN 7182	N/A
6525015343358		C15 e / 4-2, Micro-Curved Array Transducer	P04102		1	EA	Incl w/NSN 7182	Incl w/NSN 7182	N/A
7610005437003	Not Sold Seperately	Literature, Operator Accessory Manual			1	EA	Incl w/NSN 7182	Incl w/NSN 7182	N/A

**ULTRASOUND PORTABLE 180 SONOSITE SYSTEM
ACCESSORIES & CONSUMABLES - RESUPPLY**

NSN	Notes	Nomenclature	MFR PN Sonosite Inc.	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
	NSN Not Required	Cable Printer, Control	P00537		1	EA	\$24.60	\$24.60	N/A
	NSN Not Required	Cable, RCA/BNC, Video	P00536		1	EA	\$28.70	\$28.70	N/A
		Power Cord	P00848		2	EA	\$16.40	\$32.80	N/A
		Sonosite 180 Plus	P02522		1	EA	\$8,036.00	\$8,036.00	N/A
	NSN Not Required	Sonosite Ultrasound System Quick Reference Guide	P02813		1	EA	\$20.50	\$20.50	N/A
	Not Sold Seperately	Sonosite Ultrasound System User Guide Supplement	P05020		1	EA	\$0.00	\$0.00	N/A
6130014902678		SiteCharge Dual Battery Charger	L00552		1	EA	\$492.00	\$492.00	N/A

ACCESSORIES & CONSUMABLES - RESUPPLY

NSN	Notes	Nomenclature	MFR PN Sonosite Inc.	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6515012317249		Transmission Gel Ultrasound 0.25 liter		01-08	1	12/PG	\$31.84	\$31.84	N/A
6515015046163		Latex Probe Cover	610-214		1	50/PG	\$156.00	\$156.00	N/A
6515015219530		Sonosite Military Hard Case	L03808		1	EA	\$820.00	\$820.00	N/A
6525014983603		Battery – PLUS/ELITE	P00049		1	EA	\$324.00	\$324.00	N/A
6525015023734		ICT / 7–4, Intracavitary Array Transducer	P02450		1	EA	\$4,510.00	\$4,510.00	N/A
6525015023739		C60 / 5–2, Curved Array Transducer	P02115		1	EA	\$4,510.00	\$4,510.00	N/A
6525015036742		L38 / 10-5, Linear Array Transducer	P04101		1	EA	\$8,610.00	\$8,610.00	N/A
6525015131550		Power Supply, 85-264 VAC, 50/60 Hz, 16VDC 45 Watts	L00538		1	EA	\$77.90	\$77.90	N/A
6525015343358		C15 e / 4–2, Micro-Curved Array Transducer	P04102		1	EA	\$9,000.00	\$9,000.00	N/A
7610015436723		C1.99 PLUS & ELITE Ultrasound System Service Manual	P02913		1	EA	\$28.70	\$28.70	N/A
7610015437003		Sonosite Ultrasound System Users Guide	P02614		1	EA	\$28.70	\$28.70	N/A

ULTRASOUND PORTABLE 180 SONOSITE SYSTEM

ADDITIONAL NOTE:

Operator Familiarization: CD-ROM is available.

ULTRASOUND PORTABLE 180 SONOSITE SYSTEM

ITEM TABLES

ULTRASOUND CONSUMABLES & ACCESSORIES

Package Order for FST and VET Sets Only

SYSTEMS	DESCRIPTION	PN#	PRICE	QTY
Transducers (C1 Products)	NOTE: Transducers on this price list have the current version software and the existing customer system may require an update to ensure transducer compatibility.			
SonoSite 180 PLUS & ELITE (4th Generation 1.99)	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).			
	180PLUS - Does not support Continuous Wave (CW) Doppler.	L02464	\$8,036.00	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.	P04102	\$9,000.00	1
C60 / 5-2, curved array transducer	60-mm, broadband (5 - 2 MHz) curved array for abdominal, obstetric, and gynecologic applications. Contact SonoSite Customer Support prior to ordering for additional details.	P02115	\$4,510.00	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 connector.	P04101	\$8,610.00	1
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.	P02450	\$4,510.00	1
Battery – PLUS/ELITE	11.1 volt, 3.0 amp-hour rechargeable lithium-ion battery.	P00049	\$324	1
SiteCharge - 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	

