

**MEDICAL EQUIPMENT  
SET BIOLOGICAL  
WARFARE  
MICROBIOLOGY-2006**

**Support and Consumables  
Handbook**

**6545-01-540-6799**

**UA 220B**

**LIN M23718**

*Semper Responsus*

**REVISED**

**January 2013**

**U.S. Army Medical Materiel Agency**



The information contained in this manual was prepared by the

U.S. Army Medical Materiel Agency  
Office of PM, Medical Devices  
Acquisition Information Division  
693 Neiman Street  
Fort Detrick, MD 21702-5001

This manual is a living document and may contain inaccuracies due to changes in mission requirements or equipment updates. To report corrections or additions please contact:

Customer Relationship Management  
301-619-1288/4301, DSN 343-1288/4301, or at:

[USAMMACRM@amedd.army.mil](mailto:USAMMACRM@amedd.army.mil)

**For additional equipment item information, visit the  
USAMMA Medical Equipment Literature section on the web at  
<<http://www.usamma.amedd.army.mil/med equip lit cdroms.cfm>>**

**Review the Master Table of Contents for all of the  
published USAMMA Medical Equipment CDs at  
<<http://www.usamma.amedd.army.mil/assets/docs/Master%20Table%20of%20Contents.pdf>>**

**You can also order a copy of each published CD by completing and submitting the form at  
<[http://www.usamma.amedd.army.mil/CDROM\\_Requests\\_form.cfm](http://www.usamma.amedd.army.mil/CDROM_Requests_form.cfm)>**

**NOTE: CLICK ON TITLE  
FOR DIRECT LINK**

## TABLE OF CONTENTS

SECTION	DEVICE	NSN	PAGE
1	<a href="#"><u>ANALYZER CONTAMINENT (NEEDS START-UP)</u></a>	(L) 6630-01-543-3835	1
2	<a href="#"><u>ASSEMBLY ELECTROPH(ITEM BEING REPLACED)</u></a>	(Y) 6640-01-541-7261	5
3	<a href="#"><u>BALANCE ELECTRONIC</u></a>	(L) 6670-01-461-2309	9
4	<a href="#"><u>CABINET BIOLOGICAL SAFETY</u></a>	(L) 6640-01-498-4194	13
5	<a href="#"><u>CENTRIFUGE LABORATORY 115V 60HZ</u></a>	(L) 6640-01-528-5623	17
6	<a href="#"><u>CENTRIFUGE LABORATORY 18IN-WIDE ALLEGRA</u></a>	(L) 6640-01-599-0527	23
7	<a href="#"><u>CONDITIONER POWER (ITEM BEING REPLACED)</u></a>	(L) 6110-01-462-4716	31
8	<a href="#"><u>CONTAINER CRYOGENIC LIQUID NITROGEN</u></a>	(L) 6530-01-461-0063	35
9	<a href="#"><u>FREEZER MECHANICAL BLOOD PLASMA</u></a>	(J) 4110-01-490-2458	39
10	<a href="#"><u>FREEZER MECHANICAL ULTRA LOW TEMP RANGE</u></a>	(L) 4110-01-460-7404	43
11	<a href="#"><u>HEATER DRY BLOCK DIGITAL</u></a>	(L) 6640-01-531-2990	47
12	<a href="#"><u>INCUBATOR, BACTERIOLOGICAL DIRECT HEAT</u></a>	(J) 6640-01-583-1390	51
13	<a href="#"><u>MIXER LAB THERMOMIXER SHAKING HEATING</u></a>	(L) 6640-01-467-5865	55
14	<a href="#"><u>REFRIGERATOR SOLID STATE BIO</u></a>	(L) 4110-01-506-0895	59
15	<a href="#"><u>REFRIGERATOR UNDERCOUNTER</u></a>	(L) 4110-01-504-1157	67
16	<a href="#"><u>RESPIRATOR BREATHE EASY (AWAITING INFO)</u></a>	(L) 6530-01-578-8838	71
17	<a href="#"><u>SAMPLER BIO AGENT (ITEM BEING REPLACED)</u></a>	(L) 6640-01-500-5694	79
18	<a href="#"><u>STERILIZER SURGICAL DRESSING</u></a>	(L) 6530-00-926-2151	83
19	<a href="#"><u>STIRRER-HOT PLATE MAGNETIC LABORATORY</u></a>	(L) 6640-00-113-8336	89
20	<a href="#"><u>THERMAL CYCLER W O (ITEM BEING REPLACED)</u></a>	(Y) 6520-01-461-7938	93
21	<a href="#"><u>VORTEX MIXER LABORATORY RECIPROCATING</u></a>	(J) 6640-00-926-1290	97

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

Select: EQUIPMENT PUBLICATIONS BUTTON AT TOP OF FORM



**ANALYZER CONTAMINENT (NEEDS START-UP)**

**TOC**

**MANUFACTURER: BIO VERIS CORPORATION**

**Manufacturer's PHONE: (301) 926-6304 FAX:**

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

**AAC 'L' ITEM NSN 6630-01-543-3835**

**UAs: 220B**

**USAMMA POC: Customer Relations Management 301-619-1288/4301 - DSN 343-1288/4301**

**UNIT PRICE: \$81,855.02**

**System Description:** Samples are measured and analyzed automatically with results displayed and printed; process a single sample in about a minute; biological sample analyzer-primary unit with start-up packages of reagents and solutions included.



**ANALYZER CONTAMINENT (NEEDS START-UP)  
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

<b>Item Dimensions</b>	<b>Height (Inches)</b>	0
	<b>Width (Inches)</b>	0
	<b>Length (Inches)</b>	0
	<b>Cube (Cubic Feet)</b>	0
	<b>Weight</b>	0
<b>Ship Dimensions</b>	<b>Height (Inches)</b>	0
	<b>Width (Inches)</b>	0
	<b>Length (Inches)</b>	0
	<b>Cube (Cubic Feet)</b>	0
	<b>Weight</b>	
<b>Storage Temp</b>		
<b>Operating Temp</b>		
<b>Storage Humidity</b>		
<b>Operating Humidity</b>		
<b>Amps</b>		
<b>Watts</b>		
<b>Power Requirements</b>	Needs Input.	
<b>Notes</b>		

**ANALYZER CONTAMINENT (NEEDS START-UP)  
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Bio Veris Corporatio n	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6630015433835		Analyzer Contaminent (Needs Start-up)			1	EA	\$81,855.02	\$81,855.02	N/A

**ANALYZER CONTAMINENT (NEEDS START-UP)  
ACCESSORIES & CONSUMABLES**

**NO RESUPPLY ITEMS**

**ASSEMBLY ELECTROPH(ITEM BEING REPLACED)**

**TOC**

**MANUFACTURER: FOTODYNE INCORPORATED**

**Manufacturer Model# 2-1415**

**Manufacturer's PHONE: (262) 369-7000 FAX: (262) 369-7017**

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

**Item Web Link:**

**[http://www.fotodyne.com/content/electro\\_gelbox](http://www.fotodyne.com/content/electro_gelbox)**

**AAC 'Y' ITEM NSN 6640-01-541-7261**

**UAs: 220B**

**USAMMA POC: Customer Relations Management 301-619-1288/4301 - DSN 343-1288/4301**

**UNIT PRICE: \$1,222.00**

**System Description:** Ideal for the teaching laboratory, the Mini Single Cell offers convenience, safety, and economy.

The molded electrophoresis chamber requires only 150 ml of buffer. It is made of sturdy, clear acrylic allowing students to monitor the run while in progress. The chamber is also constructed with convenient holders for storage of combs when not in use. An interlocking safety lid with attached leads ensures that power to the gel is disconnected when your students remove the lid, preventing accidental electrical exposure. Platinum electrodes provide a uniform, corrosion resistant electrical field.



**ASSEMBLY ELECTROPHORESIS TWO MINI SINGLE CELL CHAMBERS**  
**PART # 2-1415**  
**NSN 6640015417261**

**ASSEMBLY ELECTROPH(ITEM BEING REPLACED)  
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

<b>Item Dimensions</b>	<b>Height (Inches)</b>	<b>0</b>
	<b>Width (Inches)</b>	<b>0</b>
	<b>Length (Inches)</b>	<b>0</b>
	<b>Cube (Cubic Feet)</b>	<b>0</b>
	<b>Weight</b>	
<b>Ship Dimensions</b>	<b>Height (Inches)</b>	<b>0</b>
	<b>Width (Inches)</b>	<b>0</b>
	<b>Length (Inches)</b>	<b>0</b>
	<b>Cube (Cubic Feet)</b>	<b>0</b>
	<b>Weight</b>	
<b>Storage Temp</b>		
<b>Operating Temp</b>		
<b>Storage Humidity</b>		
<b>Operating Humidity</b>		
<b>Amps</b>		
<b>Watts</b>		
<b>Power Requirements</b>	N/A	
<b>Notes</b>		

**ASSEMBLY ELECTROPH(ITEM BEING REPLACED)  
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Fotodyne Incorporated	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6640015417261		Assembly Electroph(Item Being Replaced)	2-1415		1	EA	\$1,222.00	\$1,222.00	N/A

**ASSEMBLY ELECTROPH(ITEM BEING REPLACED)  
ACCESSORIES & CONSUMABLES**

**NO RESUPPLY ITEMS**

## BALANCE ELECTRONIC

[TOC](#)

**DISTRIBUTOR: THOMAS SCIENTIFIC**

**MANUFACTURER: A & D WEIGHING**

**Distributor Model# 1326B43**

**Manufacturer Model# EK-120I**

**Distributor's PHONE: (856) 467-2000 FAX: (856) 467-3087**

**Manufacturer's PHONE: (408) 263-5333 FAX: (408) 263-0119**

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

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

### Item Web Link:

[http://www.andonline.com/weighing/products/details.php?catname=Balances&product\\_num=EK/EW-i\\_Series](http://www.andonline.com/weighing/products/details.php?catname=Balances&product_num=EK/EW-i_Series)

**AAC 'L' ITEM NSN 6670-01-461-2309**

**ECAT Item Number: 1556413**

**UAs: 211B, 212B, 215B, 220B**

**USAMMA POC: Customer Relations Management 301-619-1288/4301 - DSN 343-1288/4301**

**UNIT PRICE: \$570.64**

**System Description:** This is a battery-operated, compact, digital, top-loading balance. Weighing less than two pounds, it is light-weight and easy to move. Sealed keypad, large 16 mm backlit LCD, and small footprint are perfect for laboratory or institutional use. Balance comes with stainless steel weighing pan and AC adapter. Units of measure choices include: gram, decimal, ounce, carat, pennyweight, troy ounce, grain, momme, percentage, and counting comparator.

- Features:**
- Capacity: 120 g (4.23 oz or 0.264 lb)
  - Resolution: 0.01 g
  - Max count (pieces): 12,000
  - Min unit weight: 0.01 g
  - Min division: 0.1%
  - Min 100% weight: 10 g
  - Pan size: 110 mm (4.3") diameter
  - Stabilization time of 2 seconds
  - Display refreshes 10 times per second
  - Counting function with Automatic Counting Accuracy Improvement
  - Control zero, mode selection, and data export with standard (RS232C) output cable
  - Conformity to GLP (good laboratory practices) with ID and serial number outputs
  - Full digital calibration
  - Overload protection
  - Auto-off
  - Security ring to prevent theft
  - Built-in level bubble and leveling feet



BALANCE ELECTRONIC AUTOMATIC DIGITAL COMPACT LIGHT-WEIGHT DESIGN  
NSN 6670014612309

**Weighing Range**  
(EW-i series only)  
Triple range indication

**ACAI**  
Automatic Counting  
Accuracy Improvement

**HI/OK/LO**  
Comparator Annunciator

**Sample**  
Register a sample count or  
100% in percentage

**Print**  
Transmit data to printer  
or computer



**Multi weighing units**

- |                          |                     |
|--------------------------|---------------------|
| <b>oz</b> — Ounce (av)   | <b>g</b> — Gram     |
| <b>ozt</b> — Troy ounce  | <b>ct</b> — Carat   |
| <b>tl</b> — Tael         | <b>mom</b> — Momme  |
| <b>lb</b> — Pound (av)   | <b>pcs</b> — Pieces |
| <b>GN</b> — Grain unit   | <b>%</b> — Percent  |
| <b>dwt</b> — Pennyweight |                     |

BALANCE DISPLAY DETAIL

**BALANCE ELECTRONIC  
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

<b>Item Dimensions</b>	<b>Height (Inches)</b>	<b>2.6</b>
	<b>Width (Inches)</b>	<b>7.5</b>
	<b>Length (Inches)</b>	<b>8.6</b>
	<b>Cube (Cubic Feet)</b>	<b>0.097</b>
	<b>Weight</b>	<b>1.8 lbs</b>
<b>Ship Dimensions</b>	<b>Height (Inches)</b>	<b>0</b>
	<b>Width (Inches)</b>	<b>0</b>
	<b>Length (Inches)</b>	<b>0</b>
	<b>Cube (Cubic Feet)</b>	<b>0</b>
	<b>Weight</b>	
<b>Storage Temp</b>		
<b>Operating Temp</b>		<b>14 to 104 °F</b>
<b>Storage Humidity</b>		<b>Less than 85%</b>
<b>Operating Humidity</b>		<b>Less than 85%</b>
<b>Amps</b>		
<b>Watts</b>		
<b>Power Requirements</b>	<b>120 VAC used with AC adapter cord Rechargeable battery pack (Ni-MH); max use: 9 hours with full charge</b>	
<b>Notes</b>		

**BALANCE ELECTRONIC  
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN A & D Weighing	DIST PN Thomas Scientific	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6670014612309		Balance Electronic		EK-120i	1	EA	\$570.64	\$570.64	N/A
	Awaiting NSN	AC Adapter	TB-163		1	EA	Incl w/NSN 2309	Incl w/NSN 2309	N/A
	Awaiting NSN	Battery Ni-MH rechargeable	EKW-09i		1	EA	Incl w/NSN 2309	Incl w/NSN 2309	N/A
NSN Not Required	Download Below	Literature Operator			1	EA	Incl w/NSN 2309	Incl w/NSN 2309	N/A

**BALANCE ELECTRONIC  
ACCESSORIES & CONSUMABLES - RESUPPLY**

NSN	Notes	Nomenclature	MFR PN A & D Weighing	DIST PN Thomas Scientific	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
	Awaiting NSN	AC Adapter	TB-163		1	EA	\$0.00	\$0.00	N/A
	Awaiting NSN	Battery Ni-MH rechargeable	EKW-09i		1	EA	\$0.00	\$0.00	N/A
NSN Not Required	Download Below	Literature Operator			1	EA	\$0.00	\$0.00	N/A

**BALANCE ELECTRONIC  
WEB LINKS**

**[Click Below for Instruction Manual](#)**

**[http://www.andonline.com/uploads/documents/EKW-i\\_IM.pdf](http://www.andonline.com/uploads/documents/EKW-i_IM.pdf)**

## CABINET BIOLOGICAL SAFETY

TOC

**MANUFACTURER: GERMFREE LABORATORIES INC.**

**Manufacturer Model# BBF-2SS-CH**

**Manufacturer's PHONE: (386) 677-7742 FAX: (386) 677-2651**

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

**AAC 'L' ITEM NSN 6640-01-498-4194**

**UAs: 213B, 220B, N403**

**USAMMA POC: Customer Relations Management 301-619-1288/4301 - DSN 343-1288/4301**

**UNIT PRICE: \$3,723.00**

**System Description:** The Class II, Type A biosafety cabinets are used to protect personnel, product, and environment from bioaerosols and particulates. These hoods offer personnel protection through negative pressure airflow into the cabinet. To protect the product, the work area in the biosafety cabinets is continuously bathed with ultra-clean air provided by the supply HEPA filter. Approximately 70% of the air from each cycle is recirculated through this supply HEPA filter. The remaining air (approximately 30%) is discharged from the hood through the exhaust HEPA filter, protecting the environment. Although not required for the majority of uses, all of our biosafety cabinets have the capability of being vented to the outside.

**Features:** A variable-speed motor control, perforated filter diffuser/protector, ten foot power cord with grounded plug, and differential pressure gauge.

- Supply and exhaust filters are parallel to work area and each other to prevent turbulence.
- Contoured, concave ergonomic viewing panel allows operator to place their head over the work. Viewing panel is hinged and removable to provide full access to 29" high work area.
- Perforated stainless steel work tray support is angled to prevent blockage of air circulation and insure containment.
- Solid stainless steel work tray and its support are both easily removable for cleaning and decontamination of all interior surfaces of the hood.
- Dual, externally mounted, non-glare fluorescent lights minimize heat build-up in cabinet

Class II (types A and B) are Laminar Flow Biological Safety Cabinets that protect personnel, product, and environment. They provide inward airflow to protect personnel, downflow HEPA filtered air to the work area to protect the product, and exhaust HEPA filtered air to protect the environment from particulate and aerosol hazards.



**CABINET BIOLOGICAL SAFETY**  
**PART # BBF-2SS-CH**  
**NSN 664014984194**

**CABINET BIOLOGICAL SAFETY  
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

<b>Item Dimensions</b>	<b>Height (Inches)</b>	47
	<b>Width (Inches)</b>	24
	<b>Length (Inches)</b>	26.75
	<b>Cube (Cubic Feet)</b>	17.4618
	<b>Weight</b>	220 lbs
<b>Ship Dimensions</b>	<b>Height (Inches)</b>	
	<b>Width (Inches)</b>	
	<b>Length (Inches)</b>	
	<b>Cube (Cubic Feet)</b>	
	<b>Weight</b>	290 lbs
<b>Storage Temp</b>		-4 to 140 °F
<b>Operating Temp</b>		41 to 104 °F
<b>Storage Humidity</b>		85% or less, non-condensing
<b>Operating Humidity</b>		80% up to 87.8 °F, decreasing linearly to 50% at 104 °F
<b>Amps</b>		4.6
<b>Watts</b>		552
<b>Power Requirements</b>	120 VAC, 60Hz	
<b>Notes</b>	<b>Exhaust Airflow Volume: 125 cfm</b> <b>Thermal Output BTU: 1500</b>	

**CABINET BIOLOGICAL SAFETY  
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN GermFree Laboratorie s Inc.	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6640014984194		Cabinet Biological Safety	BBF-2SS- CH		1	EA	\$3,723.00	\$3,723.00	N/A
6240011682589		Fluorescent Tubes	20T12		1	EA	Incl w/NSN 4194	Incl w/NSN 4194	N/A
6640015574265		HEPA Filters (Exhaust) 8"x18"x6"	BBF 2SS- HF2E		1	EA	Incl w/NSN 4194	Incl w/NSN 4194	N/A
6640015574790		HEPA Filters (Supply) 22"x20"x3"	BBF 2SS- HF2S		1	EA	Incl w/NSN 4194	Incl w/NSN 4194	N/A

**CABINET BIOLOGICAL SAFETY  
ACCESSORIES & CONSUMABLES - RESUPPLY**

NSN	Notes	Nomenclature	MFR PN GermFree Laboratorie s Inc.	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6240011682589		Fluorescent Tubes	20T12		1	EA	\$7.01	\$7.01	N/A
6640015574265		HEPA Filters (Exhaust) 8"x18"x6"	BBF 2SS- HF2E		1	EA	\$155.00	\$155.00	N/A
6640015574790		HEPA Filters (Supply) 22"x20"x3"	BBF 2SS- HF2S		1	EA	\$195.00	\$195.00	N/A

**CABINET BIOLOGICAL SAFETY  
ADDITIONAL NOTE:**

All GERMFREE Class II, type A biosafety cabinets can be converted into a Class II, type A2 unit by adding an appropriate exhaust system.

For Stand, Biological Safety Cabinet use NSN 6640-01-502-9943 part # SBFA-8

## CENTRIFUGE LABORATORY 115V 60HZ

[TOC](#)

### MANUFACTURER: FISHER SCIENTIFIC

Manufacturer Model# 05-401-07

Manufacturer's PHONE: (412) 490-8908 FAX: (412) 490-8717

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

#### Item Web Link:

<http://eppendorfna.com/int/index.php?l=131&sitemap=2.1&pb=95e1716c1768d8d9&action=products&contentid=1&catalognode=9879>

AAC 'L' ITEM NSN 6640-01-528-5623

UAs: 220B, 9409

USAMMA POC: Customer Relations Management 301-619-1288/4301 - DSN 343-1288/4301

UNIT PRICE: \$1,327.04

**System Description:** Economical desktop centrifuges are ideal for classroom or research work. This unit is extremely compact with an exceptionally small footprint and has remarkably quiet operation.

#### Features: Operating Features:

- Capacity: 24 mL (12 x 2.0 mL)
- Maximum speed/force: 14,500 rpm/14,000 x G
- Digital speed/time controls
- Timed, continuous-run, or short-spin modes
- Memory retains most recent settings for repeatable runs
- Rotor included

#### Safety Features:

- Lid interlocking system prevents accidental opening during operation
- Natural rotor airflow minimizes heat buildup to protect samples
- Brushless motor runs quietly (<60dB)

#### Supplied Rotor:

- Autoclavable aluminum with metal lid suitable for spinning miniprep/spin columns
- For 12 x 1.5/2.0 mL tubes
- Accepts adapters (05-400-124, -125, -126; sold separately) for 0.2 to 0.5 mL tubes



CENTRIFUGE LABORATORY 115V 60HZ  
PART # 05-401-07  
NSN 6640015285623



**CENTRIFUGE LABORATORY 115V 60HZ  
PART # 05-401-07  
NSN 6640015285623**

**CENTRIFUGE LABORATORY 115V 60HZ  
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

<b>Item Dimensions</b>	<b>Height (Inches)</b>	4.7
	<b>Width (Inches)</b>	8.9
	<b>Length (Inches)</b>	9.4
	<b>Cube (Cubic Feet)</b>	0.2275
	<b>Weight</b>	9.5 lbs
<b>Ship Dimensions</b>	<b>Height (Inches)</b>	0
	<b>Width (Inches)</b>	0
	<b>Length (Inches)</b>	0
	<b>Cube (Cubic Feet)</b>	0
	<b>Weight</b>	60 lbs
<b>Storage Temp</b>		
<b>Operating Temp</b>		50 to 104 °F
<b>Storage Humidity</b>		
<b>Operating Humidity</b>		75% Non-condensing moisture
<b>Amps</b>		0.74
<b>Watts</b>		85
<b>Power Requirements</b>	120 VAC, 50/60Hz	
<b>Notes</b>		

**CENTRIFUGE LABORATORY 115V 60HZ  
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Fisher Scientific	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6640015285623		Centrifuge Laboratory 115V 60HZ	05-401-07		1	EA	\$1,327.04	\$1,327.04	N/A
	Awaiting NSN	Nut, Rotor	022666231		1	EA	Incl w/NSN 5623	Incl w/NSN 5623	N/A
	Awaiting NSN	Rotor, 12 Place with cover	022666215		1	EA	Incl w/NSN 5623	Incl w/NSN 5623	N/A
NSN Not Required	Download below	Literature, Operator			1	EA	Incl w/NSN 5623	Incl w/NSN 5623	N/A

**CENTRIFUGE LABORATORY 115V 60HZ  
ACCESSORIES & CONSUMABLES - RESUPPLY**

NSN	Notes	Nomenclature	MFR PN Fisher Scientific	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
NSN Not Required		Manual, Maintenance	022662295		1	EA	\$173.00	\$173.00	N/A

**CENTRIFUGE LABORATORY 115V 60HZ  
WEB LINKS**

**[Click Below for Literature, Operation](#)**

**<[http://de.sitestat.com/eppendorf/ena/s?en.download.manual.manual\\_minispin&ns\\_type=pdf&ns\\_url=http://eppendorfna.com/script/binres.php?RID=35741&DOW=1&pb=17a32d450d8323e1](http://de.sitestat.com/eppendorf/ena/s?en.download.manual.manual_minispin&ns_type=pdf&ns_url=http://eppendorfna.com/script/binres.php?RID=35741&DOW=1&pb=17a32d450d8323e1)>**



## CENTRIFUGE LABORATORY 18IN-WIDE ALLEGRA

[TOC](#)

**DISTRIBUTOR: GSS INC.**

**MANUFACTURER: BECKMAN COULTER, INC.**

**Distributor Model# BECB06314PACKAGEEA**

**Manufacturer Model# B06314**

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

**Manufacturer's PHONE: (714) 961-4614 FAX: (714) 961-4158**

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

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

**Item Web Link:**

**<https://www.beckmancoulter.com/wsrportal/wsr/research-and-discovery/products-and-services/centrifugation/allegra-x-30-series/index.htm>**

**AAC 'L' ITEM NSN 6640-01-599-0527**

**UAs: 212B, 213B, 220B, N403, N436, N503, N703**

**USAMMA POC: Customer Relations Management 301-619-1288/4301 - DSN 343-1288/4301**

**UNIT PRICE: \$9,158.37**

**System Description:** This centrifuge is ideal for pelleting, binding studies, nucleic acid precipitation, immunoassays, protein extraction and concentration, and sample preparation. It features a brushless induction drive motor which provides quiet, maintenance-free operation. Digital displays indicate actual speed, set speed, and rotor imbalance. The centrifuge also features multiple acceleration and deceleration rates. Optional rotors spin 250 µL tubes to 180 mL bottles, in addition to microtiter and deep-well plates. An automatic sensor blocks centrifuge operation until the door is locked. Once in operation, the sensor releases the door lock only when the centrifuge has stopped.

**Features:**

- 11 Rotor Library
- Achieve up to 19,309 x g

3 different ways to Spin 1.5 mL & PCR Tubes

- 24-place fixed-angle Rotor - 22,065 x g
- 30-place Fixed-angle Rotor - 21,952 x g
- 24-place Swinging-bucket Rotor - 16,244 x g for Flat Pelleting

One Rotor Spins 500 µL to 250 mL

- 4 x 250 mL - Maximum Capacity
- 4,500 rpm - 3,901 x g - Maximum g-Force
- 18 different adapters.
- Spins the following labware
  - 250 mL Bottles
  - 100 mL, 94 mL, 85 mL Bottles
  - 50 mL Conical and Round-bottom Tubes
  - 15 mL Conical and Round-bottom Tubes
  - 30 mL, 25 mL, 10 mL Tubes
  - 1.5 mL and 500 µL PCR Tubes



**CENTRIFUGE LABORATORY 18IN-WIDE ALLEGRA X-30**  
**PART # B06314**  
**NSN 6640015990527**



**4X250 ML SWINGING BUCKET ROTOR**  
**PART # 392243**  
**NSN 6640015286256**



**ADAPTER TUBE CONICAL 3 PLACE 50ML**  
**PART # 392258**  
**NSN 6640015294252**



**ADAPTER TUBE CONICAL 5 PLACE 15ML**  
**PART # 392257**  
**NSN 6640015697084**



**ADAPTER BOTTLE FLAT 250 ML**  
**PART # 392256**  
**NSN 6640015695433**

**CENTRIFUGE LABORATORY 18IN-WIDE ALLEGRA  
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

<b>Item Dimensions</b>	<b>Height (Inches)</b>	<b>14</b>
	<b>Width (Inches)</b>	<b>18.125</b>
	<b>Length (Inches)</b>	<b>21.687</b>
	<b>Cube (Cubic Feet)</b>	<b>3.1847</b>
	<b>Weight</b>	<b>106 lbs</b>
<b>Ship Dimensions</b>	<b>Height (Inches)</b>	<b>0</b>
	<b>Width (Inches)</b>	<b>0</b>
	<b>Length (Inches)</b>	<b>0</b>
	<b>Cube (Cubic Feet)</b>	<b>0</b>
	<b>Weight</b>	
<b>Storage Temp</b>		
<b>Operating Temp</b>		<b>Ambient</b>
<b>Storage Humidity</b>		<b>5 to 95%</b>
<b>Operating Humidity</b>		<b>&lt; 80% Non-condensing</b>
<b>Amps</b>		<b>4.5</b>
<b>Watts</b>		<b>540</b>
<b>Power Requirements</b>	<b>120 VAC, 60Hz</b>	
<b>Notes</b>	<ul style="list-style-type: none"> <li>● <b>Maximum Speed 14,500 rpm</b></li> <li>● <b>Maximum Capacity 4 x 250 mL</b></li> <li>● <b>Maximum RCF 19,309</b></li> <li>● <b>Timer Up to 9 hrs 59 min</b></li> </ul>	

**CENTRIFUGE LABORATORY 18IN-WIDE ALLEGRA  
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Beckman Coulter, Inc.	DIST PN GSS Inc.	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6640015990527		Centrifuge Laboratory 18in- Wide Allegra	B06314	BECB0631 4PACKAG EEA	1	EA	\$9,158.37	\$9,158.37	N/A
	Awaiting NSN	Bolt, Tie down for Rotor	361637		1	EA	Incl w/NSN 0527	Incl w/NSN 0527	N/A
	Awaiting NSN	Lubricant Spinkote	306812		1	EA	Incl w/NSN 0527	Incl w/NSN 0527	N/A
	Awaiting NSN	Wrench T Handle for Tie Down Bolt	361371		1	EA	Incl w/NSN 0527	Incl w/NSN 0527	N/A
6640015286238		Bucket Covers for SX4250	392266		1	4/SE	Incl w/NSN 0527	Incl w/NSN 0527	N/A
6640015286256		Rotor Swinging Bucket 4x250ml	392243		1	EA	Incl w/NSN 0527	Incl w/NSN 0527	N/A
6640015294252	See Additional Note Below	Adapter Tube Conical 3 place 50 mL	392258		2	EA	Incl w/NSN 0527	Incl w/NSN 0527	N/A
6640015695433		Shield, Laboratory Centrifuge Adapter Bottle Flat 250 mL	392256		2	2/PG	Incl w/NSN 0527	Incl w/NSN 0527	N/A
6640015697084	See Additional Note Below	Adapter Tube Conical 5 place 15 mL	392257		2	EA	Incl w/NSN 0527	Incl w/NSN 0527	N/A
NSN Not Required		Literature, Maintenance	679059		2	EA	Incl w/NSN 0527	Incl w/NSN 0527	N/A
NSN Not Required		Literature, Operator			1	EA	Incl w/NSN 0527	Incl w/NSN 0527	N/A
NSN Not Required		Power Cord	392227		1	EA	Incl w/NSN 0527	Incl w/NSN 0527	N/A

**CENTRIFUGE LABORATORY 18IN-WIDE ALLEGRA  
ACCESSORIES & CONSUMABLES - RESUPPLY**

NSN	Notes	Nomenclature	MFR PN Beckman Coulter, Inc.	DIST PN GSS Inc.	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6640004142000		Tube Centrifuge Glass 116mm lg 15ml	NNNT780		1	12/PG	\$19.68	\$19.68	N/A
6640011635451		Tube Centrifuge Plastic K8 Threaded Top 115MM O/A LG 50ML Cap Ster	2098		1	500/PG	\$67.32	\$67.32	N/A
6640014602257		Rotor Centrifuge Horizontal 4Place 4Buckets w/Screw on Domes	20673-343		1	EA	\$1,759.62	\$1,759.62	N/A
6640014724287		Adapter Centrifuge Brown 12in X 15in f/Centrifuge Tube	20300-254		1	EA	\$95.65	\$95.65	N/A
6640015286238		Bucket Covers for SX4250	392266		1	4/SE	\$162.00	\$162.00	N/A
6640015286256		Rotor Swinging Bucket 4x250ml	392243		1	EA	\$2,058.00	\$2,058.00	N/A
6640015294252	See Additional Note Below	Adapter Tube Conical 3 place 50 mL	392258		1	2/PG	\$371.00	\$371.00	N/A

**ACCESSORIES & CONSUMABLES - RESUPPLY**

NSN	Notes	Nomenclature	MFR PN Beckman Coulter, Inc.	DIST PN GSS Inc.	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6640015695433		Shield, Laboratory Centrifuge Adapter Bottle Flat 250 mL	392256		1	2/PG	\$371.00	\$371.00	N/A
6640015697084	See Additional Note Below	Adapter Tube Conical 5 place 15 mL	392257		1	2/PG	\$371.00	\$371.00	N/A
NSN Not Required		Literature, Maintenance	679059		1	EA	\$709.00	\$709.00	N/A
NSN Not Required		Literature, Operator			1	EA	\$0.00	\$0.00	N/A

**CENTRIFUGE LABORATORY 18IN-WIDE ALLEGRA**

**ADDITIONAL NOTE:**

Start-up quantity or unit of issue is different from Resupply quantity/unit of issue.



**CONDITIONER POWER (ITEM BEING REPLACED)**

**TOC**

**MANUFACTURER: EMERSON ELECTIC CO.**

**Manufacturer Model# LRA-107**

**Manufacturer's PHONE: (314) 553-2000 FAX:**

**Manufacturer's Website: [http://www.emerson.com/en-US/products\\_services/Pages/Home.aspx](http://www.emerson.com/en-US/products_services/Pages/Home.aspx)**

**AAC 'L' ITEM NSN 6110-01-462-4716**

**UAs: 220B**

**USAMMA POC: Customer Relations Management 301-619-1288/4301 - DSN 343-1288/4301**

**UNIT PRICE: \$577.00**

**System Description:** Emerson, has bought out CONTROL CONCEPTS CORPORATION



**CONDITIONER POWER (ITEM BEING REPLACED)  
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

<b>Item Dimensions</b>	<b>Height (Inches)</b>	<b>0</b>
	<b>Width (Inches)</b>	<b>0</b>
	<b>Length (Inches)</b>	<b>0</b>
	<b>Cube (Cubic Feet)</b>	<b>0</b>
	<b>Weight</b>	
<b>Ship Dimensions</b>	<b>Height (Inches)</b>	<b>0</b>
	<b>Width (Inches)</b>	<b>0</b>
	<b>Length (Inches)</b>	<b>0</b>
	<b>Cube (Cubic Feet)</b>	<b>0</b>
	<b>Weight</b>	
<b>Storage Temp</b>		
<b>Operating Temp</b>		
<b>Storage Humidity</b>		
<b>Operating Humidity</b>		
<b>Amps</b>		
<b>Watts</b>		
<b>Power Requirements</b>	N/A	
<b>Notes</b>		

**CONDITIONER POWER (ITEM BEING REPLACED)  
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Emerson Electric Co.	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6110014624716		Conditioner Power (Item Being Replaced)	LRA-107		1	EA	\$577.00	\$577.00	N/A

**CONDITIONER POWER (ITEM BEING REPLACED)  
ACCESSORIES & CONSUMABLES**

**NO RESUPPLY ITEMS**

## CONTAINER CRYOGENIC LIQUID NITROGEN

[TOC](#)

**DISTRIBUTOR: AIRGAS SAFETY, INC.**

**MANUFACTURER: TAYLOR-WHARTON-CRYOGENICS**

**Manufacturer Model# 10 XT-11**

**Distributor's PHONE: (215) 826-9000 FAX: (215) 826-0300**

**Manufacturer's PHONE: (251) 443-8680 FAX: (251) 443-2209**

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

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

**AAC 'L' ITEM NSN 6530-01-461-0063**

**UAs: 220B**

**USAMMA POC: Customer Relations Management 301-619-1288/4301 - DSN 343-1288/4301**

**UNIT PRICE: \$615.00**

**System Description:** The Extended Time Series (XT) of cryogenic refrigerators are designed for long-term storage of a variety of materials at cryogenic temperatures.

- Features:**
- New Rugged Construction – ribbed high strength aluminum body, magniformed necktube design, and more durable paint
  - Versatile storage system – convenient canister index location ring and tapered internal spider
  - Superior vacuum performance with super insulation provides maximum holding times
  - Security – Accessory low-level alarm is available with remote monitor capability
  - Lockable lids
  - Mobility – Roller base is available



**CONTAINER CRYOGENIC LIQUID NITROGEN REFRIGERATOR**  
**PART # 10 XT-11**  
**NSN 6530014649317**

**CONTAINER CRYOGENIC LIQUID NITROGEN  
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

<b>Item Dimensions</b>	<b>Height (Inches)</b>	<b>11</b>
	<b>Width (Inches)</b>	<b>1.5</b>
	<b>Length (Inches)</b>	<b>1.5</b>
	<b>Cube (Cubic Feet)</b>	<b>0.0143</b>
	<b>Weight</b>	<b>16.5 lbs</b>
<b>Ship Dimensions</b>	<b>Height (Inches)</b>	<b>0</b>
	<b>Width (Inches)</b>	<b>0</b>
	<b>Length (Inches)</b>	<b>0</b>
	<b>Cube (Cubic Feet)</b>	<b>0</b>
	<b>Weight</b>	
<b>Storage Temp</b>		
<b>Operating Temp</b>		
<b>Storage Humidity</b>		
<b>Operating Humidity</b>		
<b>Amps</b>		
<b>Watts</b>		
<b>Power Requirements</b>	<b>N/A</b>	
<b>Notes</b>	<p><b>Neck Diameter: 2.0 inches</b>  <b>Static Holding Time*: 100 days</b>  <b>Working Time**: 62 days</b>  <b>Evaporation Rate*: 0.1 L/day</b>  <b>Liquid Nitrogen Capacity: 10 L</b>  <b>Number of 1.2 mL &amp; 2.0 mL vials (5/cane): 150</b>  <b>Number of 1.2 mL &amp; 2.0 mL vials (6/cane): 180</b>  <b>Number of 1/2 cc straws: 540</b>  <b>Number of 1/2 cc straws - Bulk (1 level): 750</b>  <b>Number of 1/2 cc straws - Bulk (2 levels): 1,500</b></p> <p><b>* Evaporation rate is nominal. Actual rate may be affected by the nature of the contents, atmospheric conditions, container history, and manufacturing tolerances.</b></p> <p><b>** Work time is an arbitrary, reference-only value to estimate container performance under the actual operating conditions.</b></p>	

**CONTAINER CRYOGENIC LIQUID NITROGEN  
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Taylor- Wharton- Cryogenics	DIST PN Airgas Safety, Inc.	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6530014610063		Container Cryogenic Liquid Nitrogen		10 XT-11	1	EA	\$615.00	\$615.00	N/A

**CONTAINER CRYOGENIC LIQUID NITROGEN  
ACCESSORIES & CONSUMABLES**

**NO RESUPPLY ITEMS**

**FREEZER MECHANICAL BLOOD PLASMA**

**TOC**

**DISTRIBUTOR: THERMO SCIENTIFIC**  
**MANUFACTURER: KENDRO LABORATORY PROD LP**  
**Manufacturer Model# CTF306**  
**Distributor's PHONE: (781) 622-1000 FAX: (781) 622-1207**  
**Manufacturer's PHONE: (781) 462-2100 FAX: (828) 645-3368**  
**Distributor's Website: <<http://www.thermo.com/>>**  
**Manufacturer's Website: <<http://www.kendro.com>>**

**AAC 'J' ITEM NSN 4110-01-490-2458**

**UAs: 214B, 215B, 218B, 220B, N504, N704**

**USAMMA POC: Customer Relations Management 301-619-1288/4301 - DSN 343-1288/4301**  
**UNIT PRICE: \$4,767.00**

**System Description:** Under counter Plasma Freezers are ideal for small storage requirements and for confined spaces including built-in applications. The plasma freezers are designed to provide safe and efficient storage that can be easily verified and validated.

**Features:**

- Frost-free operation through advanced timed defrost
- Forced-air circulation system for maximum temperature uniformity and rapid recovery
- Stainless steel interior and exterior

**NOTE: NOW MANUFACTURED BY THERMO ELECTRON CORPORATION**  
**<http://www.thermo.com>**  
**Cubic Foot Storage 5.4 cu ft**



**FREEZER MECHANICAL BLOOD PLASMA**  
**PART # CTF306**  
**NSN 4110014902458**

**FREEZER MECHANICAL BLOOD PLASMA  
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

<b>Item Dimensions</b>	<b>Height (Inches)</b>	<b>36</b>
	<b>Width (Inches)</b>	<b>24</b>
	<b>Length (Inches)</b>	<b>25</b>
	<b>Cube (Cubic Feet)</b>	<b>12.5</b>
	<b>Weight</b>	<b>240 lbs</b>
<b>Ship Dimensions</b>	<b>Height (Inches)</b>	
	<b>Width (Inches)</b>	
	<b>Length (Inches)</b>	
	<b>Cube (Cubic Feet)</b>	
	<b>Weight</b>	
<b>Storage Temp</b>		
<b>Operating Temp</b>		<b>65 to 85 °F</b>
<b>Storage Humidity</b>		
<b>Operating Humidity</b>		<b>&lt; 85% Non-Condensing</b>
<b>Amps</b>		<b>8</b>
<b>Watts</b>		<b>960</b>
<b>Power Requirements</b>	<b>120 VAC 60Hz</b>	
<b>Notes</b>	<b>Plasma Bag Capacity: 96 Bags</b>	

**FREEZER MECHANICAL BLOOD PLASMA  
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Kendro Laboratory Prod LP	DIST PN Thermo Scientific	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
4110014902458		Freezer Mechanical Blood Plasma	CTF306		1	EA	\$4,767.00	\$4,767.00	N/A
NSN Not Required		Literature, Operator	306650H01		1	EA	Incl w/NSN 2458	Incl w/NSN 2458	N/A

**FREEZER MECHANICAL BLOOD PLASMA  
ACCESSORIES & CONSUMABLES - RESUPPLY**

NSN	Notes	Nomenclature	MFR PN Kendro Laboratory Prod LP	DIST PN Thermo Scientific	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
NSN Not Required		Literature, Operator	306650H01		1	EA	\$18.00	\$18.00	N/A

## **FREEZER MECHANICAL ULTRA LOW TEMP RANGE**

**TOC**

### **MANUFACTURER: FISHER SCIENTIFIC**

**Manufacturer Model# ULT-390-3A**

**Manufacturer's PHONE: (412) 490-8908 FAX: (412) 490-8717**

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

#### **Item Web Link:**

**<http://www.fishersci.com/wps/portal/SEARCHRESULTS?keyWord=ult-390-3a&restrictedCategoryId=&N=0&Ntk=all&rpp=&suppCatNoOnOff=&imagesOnOff=&highlightOnOff=&teaserOnOff=&store=Scientific&type=&showAdvanceOptions=>>**

**AAC 'L' ITEM NSN 4110-01-460-7404**

**UAs: 220B**

**USAMMA POC: Customer Relations Management 301-619-1288/4301 - DSN 343-1288/4301**

**UNIT PRICE: \$5,803.00**

**System Description:** Freezer, ideal for long-term storage of biological materials.

**Features:** Value Series Operating Temperature:

- -122.8 °F (-86 °C), Range -40 to -122.8 °F (-40 to -86 °C)
- Engineered to maintain temperatures in warm ambient conditions, 90 °F (32 °C)

Control System:

- Solid-state control system with adjustable temperature setpoint
- Digital temperature display
- Push-button setpoint display
- Key-operated main power switch

Alarm System:

- Integrated overtemperature safety alarm with battery backup and audible warning of temperature deviation
- Exterior alarm contacts for connection to remote monitoring system

Upright Cabinet Construction:

- CryoLatch™ integrated door handle and latch assembly allows for easy right- or left-handed operation, and includes standard key lock and provision for padlock
- NEW optional CryoSecure™ proximity card access system
- Pressure equalization port combats vacuum created by pressure differential upon door closing, allowing re-entry to cabinet within 30 seconds
- Low-profile design, only 77.5 inches (197 mm) high
- Five high-impact plastic inner doors with independent door hinges and positive magnetic latches
- Four shelves (three adjustable) to create five interior compartments
- Minimum 3.5 inches (76 mm) high-density door insulation, CFC-free



**FREEZER MECHANICAL ULTRA LOW TEMP RANGE**  
**PART # ULT-390-3A**  
**NSN 4110014607404**

**FREEZER MECHANICAL ULTRA LOW TEMP RANGE  
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

<b>Item Dimensions</b>	<b>Height (Inches)</b>	45.5
	<b>Width (Inches)</b>	29
	<b>Length (Inches)</b>	27
	<b>Cube (Cubic Feet)</b>	20.6172
	<b>Weight</b>	
<b>Ship Dimensions</b>	<b>Height (Inches)</b>	0
	<b>Width (Inches)</b>	0
	<b>Length (Inches)</b>	0
	<b>Cube (Cubic Feet)</b>	0
	<b>Weight</b>	415 lbs
<b>Storage Temp</b>		
<b>Operating Temp</b>		65 to 85 °F
<b>Storage Humidity</b>		
<b>Operating Humidity</b>		Less than 85% Non-Condensing
<b>Amps</b>		16
<b>Watts</b>		1840
<b>Power Requirements</b>	115 VAC, 60Hz	
<b>Notes</b>	3.1 CU FT	

**FREEZER MECHANICAL ULTRA LOW TEMP RANGE  
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Fisher Scientific	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
4110014607404		Freezer Mechanical Ultra Low Temp Range	ULT-390- 3A		1	EA	\$5,803.00	\$5,803.00	N/A
NSN Not Required		Literature, Operator			1	EA	Incl w/NSN 7404	Incl w/NSN 7404	N/A

**FREEZER MECHANICAL ULTRA LOW TEMP RANGE  
ACCESSORIES & CONSUMABLES**

**NO RESUPPLY ITEMS**

## HEATER DRY BLOCK DIGITAL

[TOC](#)

**MANUFACTURER: VWR SCIENTIFIC**

**Manufacturer Model# 12621-096**

**Manufacturer's PHONE: (877) 897-6377 FAX: (484) 881-7268**

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

**Item Web Link:**

[https://us.vwr.com/store/catalog/product.jsp?catalog\\_number=12621-096](https://us.vwr.com/store/catalog/product.jsp?catalog_number=12621-096)

**AAC 'L' ITEM NSN 6640-01-531-2990**

**UAs: 220B**

**USAMMA POC: Customer Relations Management 301-619-1288/4301 - DSN 343-1288/4301**

**UNIT PRICE: \$902.78**

**System Description:** These multi-purpose units are ideal for incubation and activation of cultures, enzyme reactions, blood urea nitrogen determinations, immunoassays, melting/boiling points, and a wide variety of other laboratory procedures. The economical, versatile, and compact block heaters are designed for applications that require repeatable results and superior temperature stability.

Easy-to-use front-mounted controls with independent LED displays show actual and set point temperatures. Microprocessor control offers a stability of 0.1 °C, while independent controls allow users to adjust temperature settings in ±0.1 °C increments. A timer will display elapsed time or when programmed to user-defined limit, will count down to zero and shut off unit. Audible alarm will sound when time reaches zero.

All dry block heaters include a built-in support rod holder for mounting the probe kit. Optional external temperature probe kit monitors actual block or sample temperature. An LED display on the front panel will show actual probe temperature and adjust heater output to maintain user-defined set point. Kit includes 20.3 cm (8 inch) stainless steel probe, 45.7 cm (18 inch) vertical support rod, thermometer/probe extension clamp, and hook connector.

All 120 V units are UL and C-UL listed and CE marked.

Caution: To avoid possible electrical hazard, do not fill well or block opening with water or other fluids. Unit is designed as a dry bath/incubator.

**Features:**

- Exceptional Temperature Uniformity and Accuracy
- Hold Interchangeable, Modular Heating Blocks
- Heat to 120°C (248°F)
- Optional External Temperature Probe
- LED Display



**HEATER DRY BLOCK DIGITAL**  
**PART # 12621-096**  
**NSN 6640015312990**

**HEATER DRY BLOCK DIGITAL  
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

<b>Item Dimensions</b>	<b>Height (Inches)</b>	<b>3.5</b>
	<b>Width (Inches)</b>	<b>8</b>
	<b>Length (Inches)</b>	<b>16.9</b>
	<b>Cube (Cubic Feet)</b>	<b>0.2738</b>
	<b>Weight</b>	
<b>Ship Dimensions</b>	<b>Height (Inches)</b>	<b>0</b>
	<b>Width (Inches)</b>	<b>0</b>
	<b>Length (Inches)</b>	<b>0</b>
	<b>Cube (Cubic Feet)</b>	<b>0</b>
	<b>Weight</b>	<b>8.5 lbs</b>
<b>Storage Temp</b>		
<b>Operating Temp</b>		
<b>Storage Humidity</b>		
<b>Operating Humidity</b>		
<b>Amps</b>		<b>2.58</b>
<b>Watts</b>		<b>310</b>
<b>Power Requirements</b>	<b>120 VAC, 50/60 Hz</b>	
<b>Notes</b>		

**HEATER DRY BLOCK DIGITAL  
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN VWR Scientific	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6640015312990		Heater Dry Block Digital	13259-056		1	EA	\$902.78	\$902.78	N/A
NSN Not Required		Cord Power Detachable 92 inch			1	EA	Incl w/NSN 2990	Incl w/NSN 2990	N/A
NSN Not Required		Literature, Operator			1	EA	Incl w/NSN 2990	Incl w/NSN 2990	N/A

**HEATER DRY BLOCK DIGITAL  
ACCESSORIES & CONSUMABLES**

**NO RESUPPLY ITEMS**

## INCUBATOR, BACTERIOLOGICAL DIRECT HEAT

[TOC](#)

**MANUFACTURER: THERMO-ELECTRON CORP**

**Manufacturer Model# 370**

**Manufacturer's PHONE: (508) 482-7000 FAX: (508) 634-2110**

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

**Item Web Link:**

<http://www.thermoscientific.com/wps/portal/ts/products/detail?productId=11962279&groupType=PRODUCT&searchType=0>

**AAC 'J' ITEM NSN 6640-01-583-1390**

**UAs: 211B, 220B, N403**

**USAMMA POC: Customer Relations Management 301-619-1288/4301 - DSN 343-1288/4301**

**UNIT PRICE: \$4,583.97**

**System Description:** Our reliable direct heat Steri-Cycle® CO2 incubator combines the best of both worlds - our unique in-chamber HEPA air filtration system providing continuous protection against unwanted airborne contaminants and an on-demand, high temperature sterilization cycle, to simplify your routine cleaning practices.

Providing precise CO2 control with TC (thermal conductivity), excellent temperature uniformity, and recovery characteristics, the Steri-Cycle is a favorite of researchers seeking the benefits of complete contamination control and dependable long term performance.

- Features:**
- Total Contamination Control is provided by the Steri-Cycle's unique design. Its validatable in-chamber HEPA air filtration system continuously removes invading particulates and maintains your important cultures in cleanroom-like Class 100 air quality conditions. Additionally, an on-demand 284 °F (140 °C) high temperature sterilization cycle, reliably eliminates contamination from all internal surfaces, simplifying cleaning procedures.
  - Adaptable to Your Specific Requirements – configure the Steri-Cycle, to your specific needs and work environment with a choice of CO2 sensors, reversible door swings, and a host of options including available relative humidity monitoring, antimicrobial copper interiors, automatic gas tank switchers, datalogging, and IQ/OQ documentation kits.
  - High Capacity for Maximum Culture Space – the large 6.5 cubic foot Steri-Cycle chamber provides ample room for samples.



**INCUBATOR, BACTERIOLOGICAL DIRECT HEAT**  
**PART # 370**  
**NSN 6640015831390**



**INCUBATOR, BACTERIOLOGICAL DIRECT HEAT**  
**PART # 370**  
**NSN 6640015831390**  
**Interior**

**INCUBATOR, BACTERIOLOGICAL DIRECT HEAT  
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

<b>Item Dimensions</b>	<b>Height (Inches)</b>	<b>39.5</b>
	<b>Width (Inches)</b>	<b>26.3</b>
	<b>Length (Inches)</b>	<b>25</b>
	<b>Cube (Cubic Feet)</b>	<b>15.0297</b>
	<b>Weight</b>	<b>260 lbs</b>
<b>Ship Dimensions</b>	<b>Height (Inches)</b>	<b>0</b>
	<b>Width (Inches)</b>	<b>0</b>
	<b>Length (Inches)</b>	<b>0</b>
	<b>Cube (Cubic Feet)</b>	<b>0</b>
	<b>Weight</b>	<b>315 lbs</b>
<b>Storage Temp</b>		
<b>Operating Temp</b>		<b>Ambient to 50 °C (122 °F)</b>
<b>Storage Humidity</b>		
<b>Operating Humidity</b>		<b>To 95% @ 37 °C (98.6 °F)</b>
<b>Amps</b>		<b>9.6</b>
<b>Watts</b>		<b>1104</b>
<b>Power Requirements</b>	<b>115 VAC, 50/60 Hz</b>	
<b>Notes</b>		

**INCUBATOR, BACTERIOLOGICAL DIRECT HEAT  
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Thermo- Electron Corp	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6640015831390		Incubator, Bacteriological Direct Heat	370		1	EA	\$4,583.97	\$4,583.97	N/A
NSN Not Required		Literature Operation			1	EA	Incl w/NSN 1390	Incl w/NSN 1390	N/A

**INCUBATOR, BACTERIOLOGICAL DIRECT HEAT  
ACCESSORIES & CONSUMABLES**

**NO RESUPPLY ITEMS**

**DISTRIBUTOR: DAIGGER**

**MANUFACTURER: EPPENDORF NORTH AMERICA**

**Manufacturer Model# GX4283A**

**Distributor's PHONE: (847) 816-5060 FAX: (847) 816-5051**

**Manufacturer's PHONE: (516) 515-2277 FAX: (516) 334-7506**

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

**Manufacturer's Website: [www.Eppendorf.com](http://www.Eppendorf.com)**

**Item Web Link:**

<http://www.eppendorfna.com/int/index.php?l=131&pb=01be28ed26d4eeac&sitemap=2.1&action=products&catalognode=9840>

**AAC 'L' ITEM NSN 6640-01-467-5865**

**UAs: 220B**

**USAMMA POC: Customer Relations Management 301-619-1288/4301 - DSN 343-1288/4301**

**UNIT PRICE: \$1,518.00**

**System Description:** Combined microtube shaking, heating, or cooling all in one unit!

These shakers have a small footprint, simple design, and high stability—even at maximum mixing frequency. Adjustable shaking speed provides gentle to vigorous mixing. Easy-to-use short-mix function is great for quick “vortex” applications. Maximum temperature is 99 °C (194 °F) for a wide range of applications. Control panel features digital display of all parameters.

This thermomixer is a compact model that combines simultaneous heating and shaking of 24 x 1.5 mL samples. Includes a 24 x 1.5 mL thermoblock, a work rack, and a cool pack for rapid cooling to 0 °C (32 °F).

- Features:**
- Dedicated for 24 x 1.5 mL microcentrifuge tubes
  - Short-mix function
  - Includes an IsoTherm rack and an IsoTherm cooling pack for sample storage at 0 °C (32 °F)
  - Small footprint
  - Quiet operation due to perfect fit of the test tubes in the thermoblock



**MIXER LAB THERMOMIXER SHAKING HEATING**  
**PART # GX4283A**  
**NSN 6640014675865**

**MIXER LAB THERMOMIXER SHAKING HEATING  
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

<b>Item Dimensions</b>	<b>Height (Inches)</b>	<b>5.7</b>
	<b>Width (Inches)</b>	<b>6.5</b>
	<b>Length (Inches)</b>	<b>9.8</b>
	<b>Cube (Cubic Feet)</b>	<b>0.2101</b>
	<b>Weight</b>	<b>5.3 lbs</b>
<b>Ship Dimensions</b>	<b>Height (Inches)</b>	<b>0</b>
	<b>Width (Inches)</b>	<b>0</b>
	<b>Length (Inches)</b>	<b>0</b>
	<b>Cube (Cubic Feet)</b>	<b>0</b>
	<b>Weight</b>	
<b>Storage Temp</b>		
<b>Operating Temp</b>		<b>39 to 95 °F (4 to 35 °C)</b>
<b>Storage Humidity</b>		
<b>Operating Humidity</b>		<b>70%</b>
<b>Amps</b>		<b>0.9</b>
<b>Watts</b>		<b>90</b>
<b>Power Requirements</b>	<b>100 to 240 VAC ±10%, 50 to 60 Hz</b>	
<b>Notes</b>		

**MIXER LAB THERMOMIXER SHAKING HEATING  
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Eppendorf North America	DIST PN Daigger	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6640014675865		Mixer Lab Thermomixer Shaking Heating	GX4283A		1	EA	\$1,518.00	\$1,518.00	N/A
NSN Not Required	<a href="#">Download Below</a>	Literature, Operation			1	EA	Incl w/NSN 5865	Incl w/NSN 5865	N/A

**MIXER LAB THERMOMIXER SHAKING HEATING  
ACCESSORIES & CONSUMABLES**

**NO RESUPPLY ITEMS**

**MIXER LAB THERMOMIXER SHAKING HEATING  
WEB LINKS**

**[Click Below for Literature, Operation](#)**

**<[http://de.sitestat.com/eppendorf/ena/s?en.download.manual.thermomixer\\_compact&ns\\_type=pdf&ns\\_url=http://www.eppendorfna.com/script/binres.php?RID=35943&DOW=1&pb=2275b527610914ff](http://de.sitestat.com/eppendorf/ena/s?en.download.manual.thermomixer_compact&ns_type=pdf&ns_url=http://www.eppendorfna.com/script/binres.php?RID=35943&DOW=1&pb=2275b527610914ff)>**

## REFRIGERATOR SOLID STATE BIO

[TOC](#)

### MANUFACTURER: DOUBLEDAY ACQUISITIONS

Manufacturer Model# HMC-MIL-1

Manufacturer's PHONE: (937) 312-0114 FAX: (937) 312-1277

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

#### Item Web Link:

<http://acutemp.com/products/acutemp-ax56l-mobile-refrigeratorfreezer>

AAC 'L' ITEM NSN 4110-01-506-0895

UAs: 009A, 107C, 207A, 213B, 220B, 263C, 267C, 504B, 912B, N503, N504, N703, N704, P302

USAMMA POC: Customer Relations Management 301-619-1288/4301 - DSN 343-1288/4301

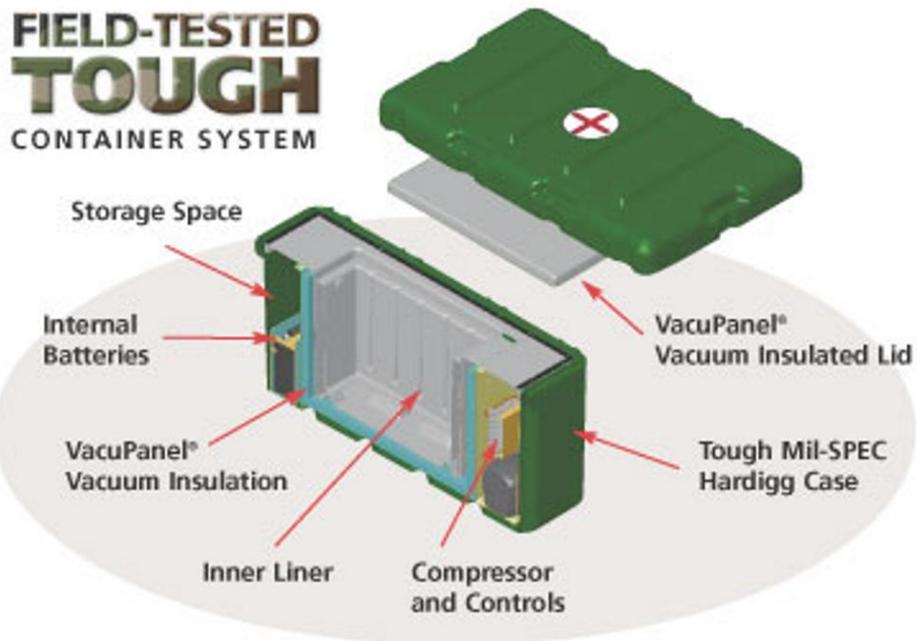
UNIT PRICE: \$6,831.00

**System Description:** The Refrigerator Solid State Bio (AcuTemp AX56L) mobile temperature management unit is designed to safely store and transport temperature sensitive blood, plasma, vaccines and other pharmaceutical and biotech products under the harshest environmental conditions. This versatile system precisely maintains payload temperatures with dual setting capability for 39 °F (4 °C), refrigeration mode or 8 °F (-22 °C) in freezer mode. Its ergonomic, rugged design makes the AcuTemp AX56L ideal for delivering lifesaving medical supplies quickly and safely to the point of need, whether in a mobile hospital or in the battlefield. The AcuTemp AX56L is designed to meet stringent military specifications including MIL-STD 810F and MIL-STD 461E.

- Features:**
- Precise temperature control under adverse conditions
    - Data logging with RS232 and IR data port capability
    - Internal temperatures are continuously logged
    - Flexible data export options
  
  - Versatility to operate globally via any power source
    - Grid (AC)
    - Battery (External DC Power Supply)
    - Onboard Batteries
    - Solar Array
  
  - Rugged, military specs design for demanding applications
    - Easily transportable
    - Eliminates ingress of water and dirt
    - Will not fail under the duress of military transportation
  
  - Highly visible LCD shows
    - Internal temperature
    - Battery condition
    - Data log information
  
  - Available with Sled Rails, Wheels, or Skis



REFRIGERATOR SOLID STATE BIO  
PART # HMC-MIL-1  
NSN 4110015060895



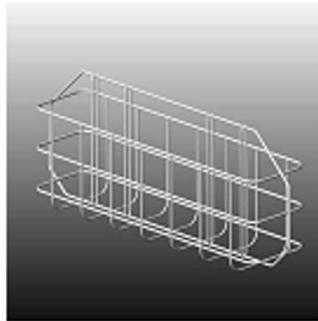
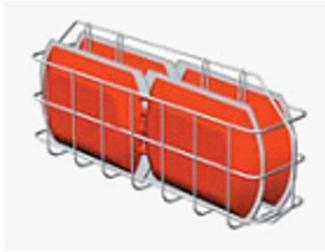
REFRIGERATOR SOLID STATE BIO DIAGRAM



**REFRIGERATOR SOLID STATE BIO IN ACTION**



**REFRIGERATOR SOLID STATE BIO IN ACTION**



**BLOOD BAG BASKET  
PART # 100000**



**REFRIGERATOR SOLID STATE BIO SHOWN WITH PLASMA  
PART # HMC-MIL-1**



**REFRIGERATOR SOLID STATE BIO CONTROL PANEL**



**REFRIGERATOR SOLID STATE BIO SHOWN WITH VACCINE  
PART # HMC-MIL-1**

**REFRIGERATOR SOLID STATE BIO  
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

<b>Item Dimensions</b>	<b>Height (Inches)</b>	<b>21.8</b>
	<b>Width (Inches)</b>	<b>21</b>
	<b>Length (Inches)</b>	<b>37.5</b>
	<b>Cube (Cubic Feet)</b>	<b>9.9349</b>
	<b>Weight</b>	<b>145 lbs</b>
<b>Ship Dimensions</b>	<b>Height (Inches)</b>	<b>22.8</b>
	<b>Width (Inches)</b>	<b>23.2</b>
	<b>Length (Inches)</b>	<b>39.2</b>
	<b>Cube (Cubic Feet)</b>	<b>11.9996</b>
	<b>Weight</b>	
<b>Storage Temp</b>		<b>-22 to 149 °F (-30 to 65 °C)</b>
<b>Operating Temp</b>		<b>-4 to 120 °F (-20 to 49 °C)</b>
<b>Storage Humidity</b>		
<b>Operating Humidity</b>		
<b>Amps</b>		<b>0.55</b>
<b>Watts</b>		<b>55</b>
<b>Power Requirements</b>	<b>100 to 240 VAC, 46-63 Hz Battery (set of 2); 12 to 24 VDC Internal, 40 amp-hour</b>	
<b>Notes</b>	<b>Payload Bay Dimensions (H x W x L): 13 x 14 x 18 inches (33.0 x 35.6 x 45.7 cm)</b>  <b>Payload Volume: 2 cu ft (56.6 L)</b>  <b>Storage Capacity: 40 x 450 mL or 60 x 250 mL units</b>	

**REFRIGERATOR SOLID STATE BIO  
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Doubleday Acquisition s	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
4110015060895		Refrigerator Solid State Bio	HMC- MIL-1		1	EA	\$6,831.00	\$6,831.00	N/A
4110015188542		AC Power Cord	VXC-1-06		1	EA	Incl w/NSN 0895	Incl w/NSN 0895	N/A
6135015120985	See Additional Note Below	Battery Gel	101880	100001	2	EA	Incl w/NSN 0895	Incl w/NSN 0895	N/A
6150015121007		AC Power Cord	100003	100970	1	EA	Incl w/NSN 0895	Incl w/NSN 0895	N/A
6515015130792	See Additional Note Below	Basket, Blood Bag, Refrigerator	100000		10	EA	Incl w/NSN 0895	Incl w/NSN 0895	N/A
NSN Not Required		DC Power Cord	100968		1	EA	Incl w/NSN 0895	Incl w/NSN 0895	N/A
NSN Not Required		Literature, Manual	102010		1	EA	Incl w/NSN 0895	Incl w/NSN 0895	N/A
NSN Not Required		Literature, Medical Maintenance	102011		1	EA	Incl w/NSN 0895	Incl w/NSN 0895	N/A
NSN Not Required		Screwdriver, No. 2 Phillips Head	100631		1	EA	Incl w/NSN 0895	Incl w/NSN 0895	N/A
NSN Not Required		Sponge Cellulose	101832		1	EA	Incl w/NSN 0895	Incl w/NSN 0895	N/A

**REFRIGERATOR SOLID STATE BIO  
ACCESSORIES & CONSUMABLES - RESUPPLY**

NSN	Notes	Nomenclature	MFR PN Doubleday Acquisition s	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
4110015188542		AC Power Cord	VXC-1-06		1	EA	\$16.00	\$16.00	N/A
6135015120985	See Additional Note Below	Battery Gel	101880	100001	1	EA	\$143.38	\$143.38	N/A
6150015121007		AC Power Cord	100003	100970	1	EA	\$107.70	\$107.70	N/A
6515015130792	See Additional Note Below	Basket, Blood Bag, Refrigerator	100000		1	EA	\$32.00	\$32.00	N/A
NSN Not Required		DC Power Cord	100968		1	EA	\$117.70	\$117.70	N/A
NSN Not Required		Literature, Manual	102010		1	EA	\$15.00	\$15.00	N/A
NSN Not Required		Literature, Medical Maintenance	102011		1	EA	\$15.00	\$15.00	N/A
NSN Not Required		Screwdriver, No. 2 Phillips Head	100631		1	EA	\$20.23	\$20.23	N/A
NSN Not Required		Sponge Cellulose	101832		1	EA	\$19.23	\$19.23	N/A

**REFRIGERATOR SOLID STATE BIO  
ADDITIONAL NOTE:**

Start-up quantity or unit of issue is different from Resupply quantity/unit of issue.

**REFRIGERATOR SOLID STATE BIO  
WEB LINKS**

**[Click Below for Equipment Support Plans. Note: Only available to personnel who reside in a Military](#)**

**(.MIL) domain. Please select the plans you wish to receive and enter your email address. Support Plans include 10/20 Standards, maintenance intervals, Maintenance Allowance Chart, and more.**

**<[http://www.usamma.army.mil/assets/apps/email\\_doc/email\\_doc\\_index.cfm](http://www.usamma.army.mil/assets/apps/email_doc/email_doc_index.cfm)>**

## REFRIGERATOR UNDERCOUNTER

[TOC](#)

**MANUFACTURER: SO-LOW ENVIRONMENTAL**

**Manufacturer Model# MV4-6UCR**

**Manufacturer's PHONE: (513) 772-9410 FAX: (513) 772-0570**

**Manufacturer's Website: <http://www.so-low.com>**

**Item Web Link:**

**[http://www.so-low.com/undercounter\\_refrigerator.htm](http://www.so-low.com/undercounter_refrigerator.htm)**

**AAC 'L' ITEM NSN 4110-01-504-1157**

**UAs: 213B, 214A, 214B, 215B, 218A, 218B, 220B, 261B, 263C, P302**

**USAMMA POC: Customer Relations Management 301-619-1288/4301 - DSN 343-1288/4301**

**UNIT PRICE: \$1,374.90**

**System Description:** Refrigeration for Health, Science, and Industry. Durable commercial grade construction assures dependable performance and long operational life.

Models cool quickly and efficiently to avoid temperature fluctuations that can result in failure of expensive research, misleading test results, or weakened medicines, vaccines, and reagents.

General purpose undercounter models are Commercial UL and CUL listed. Hazardous location and flammable material storage models have appropriate UL listings. All refrigerators use non-CFC R134a refrigerant.

General purpose models can be built into casework and under lab benches.

- Features:**
- Capacity: 6.1 cu ft (173 L)
  - Temperature range: 33.8 to 44.6 °F (1 to 7 °C)
  - Commercial UL listed
  - Auto Defrost
  - Forced air ventilation through front grille
  - No additional clearance required for under-counter installation
  - R134a refrigeration system
  - 3 in-door shelves
  - Double insulated power cord with three-prong, green dot hospital grade plug
  - Exterior 22 gauge steel, powder-coated paint finish
  - Vacuum-formed, high-impact polystyrene interior
  - Seamless, rounded corners inside for easy cleaning



**REFRIGERATOR UNDERCOUNTER 6.1 CU FT  
PART # MV4-6UCR  
NSN 4110015041157**



**REFRIGERATOR UNDERCOUNTER 6.1 CU FT  
PART # MV4-6UCR  
NSN 4110015041157**

**REFRIGERATOR UNDERCOUNTER  
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

<b>Item Dimensions</b>	<b>Height (Inches)</b>	<b>34</b>
	<b>Width (Inches)</b>	<b>24</b>
	<b>Length (Inches)</b>	<b>24</b>
	<b>Cube (Cubic Feet)</b>	<b>11.3333</b>
	<b>Weight</b>	<b>120 lbs</b>
<b>Ship Dimensions</b>	<b>Height (Inches)</b>	<b>0</b>
	<b>Width (Inches)</b>	<b>0</b>
	<b>Length (Inches)</b>	<b>0</b>
	<b>Cube (Cubic Feet)</b>	<b>0</b>
	<b>Weight</b>	
<b>Storage Temp</b>		
<b>Operating Temp</b>		
<b>Storage Humidity</b>		
<b>Operating Humidity</b>		
<b>Amps</b>		<b>3.3</b>
<b>Watts</b>		<b>379.5</b>
<b>Power Requirements</b>	<b>115 VAC, 50/60 Hz</b>	
<b>Notes</b>		

**REFRIGERATOR UNDERCOUNTER  
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN So-Low Environme ntal	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
4110015041157		Refrigerator Undercounter	MV4- 6UCR		1	EA	\$1,374.90	\$1,374.90	N/A

**REFRIGERATOR UNDERCOUNTER  
ACCESSORIES & CONSUMABLES**

**NO RESUPPLY ITEMS**

**RESPIRATOR BREATHE EASY (AWAITING INFO)**

**TOC**

**MANUFACTURER: 3M**

**Manufacturer Model# 520-17-00**

**Manufacturer's PHONE: (651) 737-6501 FAX: (651) 733-9973**

**Manufacturer's Website: <http://www.3m.com>**

**AAC 'L' ITEM NSN 6530-01-578-8838**

**UAs: 214B, 215B, 216B, 220B**

**USAMMA POC: Customer Relations Management 301-619-1288/4301 - DSN 343-1288/4301**

**UNIT PRICE: \$365.22**

**System Description:** The Breathe Easy powered air purifying respirator (PAPR) features an all-in-one design that provides both comfort and safety. It is a lightweight, easy-to-use solution to respiratory protection where particulate contaminants exist. Belt-mounted PAPRs provide all the features of powered air purifying respirators: increased wearer comfort, no fit test requirements for certain headgear, and compatibility with glasses.



**RESPIRATOR BREATHE EASY TURBO BELT MOUNT**  
**PART # 520-17-00**  
**NSN 6530015788838**



**INDICATOR, AIRFLOW**  
**PART # 520-014-21**  
**NSN 6530015794012**



**BATTERY, NICD  
PART # BP-1715  
NSN 6140015794083**



**CHARGER BATTERY  
PART # 520-03-72  
NSN 6510014649558  
Found in UA Support**



**HOSE ASSEMBLY AIR BREATHING  
PART # BE-224  
NSN 4240014186096  
Found in UA Support**



**FILTER RESPIRATOR AIR FILTERING 6S  
PART # 453-03-01R06  
NSN 4240014772020  
Found in UA Support**



**HOOD RESPIRATOR, SIZE REGULAR 3S**  
**PART # BE-12-3**  
**NSN 4240014183012**  
**Found in UA Support**



**HOOD RESPIRATOR WHITE POLYCOATED TYVEK LARGE E.LAIR MATE HEPA12**  
**PART # BE-12L-3**  
**NSN 4240014182986**  
**Found in UA Support**

**RESPIRATOR BREATHE EASY (AWAITING INFO)  
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

<b>Item Dimensions</b>	<b>Height (Inches)</b>	<b>0</b>
	<b>Width (Inches)</b>	<b>0</b>
	<b>Length (Inches)</b>	<b>0</b>
	<b>Cube (Cubic Feet)</b>	<b>0</b>
	<b>Weight</b>	
<b>Ship Dimensions</b>	<b>Height (Inches)</b>	<b>0</b>
	<b>Width (Inches)</b>	<b>0</b>
	<b>Length (Inches)</b>	<b>0</b>
	<b>Cube (Cubic Feet)</b>	<b>0</b>
	<b>Weight</b>	
<b>Storage Temp</b>		
<b>Operating Temp</b>		
<b>Storage Humidity</b>		
<b>Operating Humidity</b>		
<b>Amps</b>		
<b>Watts</b>		
<b>Power Requirements</b>	<b>Rechargeable NiCd Battery Pack</b>	
<b>Notes</b>	<b>Filtration Capability: High-Efficiency and Chemical Cartridge</b> <b>Intrinsically Safe: Yes</b> <b>Mission Type: Aircraft, Ships, Vehicles</b> <b>Operation Type: Facility Safety, Maintenance, Repair &amp; Operations, Overhaul</b>	

**RESPIRATOR BREATHE EASY (AWAITING INFO)  
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN 3M	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6530015788838		Respirator Breathe Easy (Awaiting Info)	520-17-00		1	EA	\$365.22	\$365.22	
4240014772020	See Additional Note Below	Filter Respirator Air Filtering 6s	453-03- 01R06		3	EA	Incl w/NSN 8838	Incl w/NSN 8838	N/A
6140015794083		Battery, NiCd	BP-17IS		1	EA	Incl w/NSN 8838	Incl w/NSN 8838	N/A
6530014598422		Respirator Turbo Unit	022-00- 03R01		1	EA	Incl w/NSN 8838	Incl w/NSN 8838	N/A
6530015794012		Indicator, Airflow	520-01-21		1	EA	Incl w/NSN 8838	Incl w/NSN 8838	N/A
NSN Not Required		Belt	520-02- 90R01		1	EA	Incl w/NSN 8838	Incl w/NSN 8838	N/A

**RESPIRATOR BREATHE EASY (AWAITING INFO)  
ITEMS FOUND IN THE UNIT ASSEMBLAGE SUPPORTING THIS ITEM**

NSN	Notes	Nomenclature	MFR PN 3M	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
4240014182986		Hood Respirator White Polycoated TYVEK Large E.I.Airmate HEPA12	BE-12L-3		8	PG	\$61.27	\$490.16	N/A
4240014183012		Hood Respirator 3s	BE-12-3		8	PG	\$57.69	\$461.52	N/A
4240014186096		Hose Assembly Air Breathing	BE-224		10	AY	\$19.69	\$196.90	N/A
6510014649558		Charger Battery	520-03-72		2	EA	\$990.30	\$1,980.60	N/A

**RESPIRATOR BREATHE EASY (AWAITING INFO)  
ACCESSORIES & CONSUMABLES - RESUPPLY**

NSN	Notes	Nomenclature	MFR PN 3M	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
4240014772020	See Additional Note Below	Filter Respirator Air Filtering 6s	453-03- 01R06		1	6/PG	\$32.28	\$32.28	N/A
6140015794083		Battery, NiCd	BP-17IS		1	EA	\$192.20	\$192.20	N/A
6530014598422		Respirator Turbo Unit	022-00- 03R01		1	EA	\$435.75	\$435.75	N/A
6530015794012		Indicator, Airflow	520-01-21		1	EA	\$16.17	\$16.17	N/A

**RESPIRATOR BREATHE EASY (AWAITING INFO)  
ADDITIONAL NOTE:**

Start-up quantity or unit of issue is different from Resupply quantity/unit of issue.

**RESPIRATOR BREATHE EASY (AWAITING INFO)**

**WEB LINKS**

[\*\*Click Below for Item Web Link\*\*](#)

[http://solutions.3m.com/wps/portal/3M/en\\_US/PPESafetySolutions/PPESafety/Personal\\_Protective\\_Equipment/Product\\_Catalog/~//3M-Breathe-Easy-Turbo-Belt-Mounted-Powered-Air-Purifying-Respirator-PAPR-Assembly-520-17-00-Intrinsically-Safe-1-Case?N=4294875669+5011378&Nr=AND%28hrcy\\_id%3AGSXK47J6S2gs\\_R8VGL1ZJRV\\_N2RL3FH WVK\\_GPD0K8BC31gv%29&rt=d&x=21&y=15](http://solutions.3m.com/wps/portal/3M/en_US/PPESafetySolutions/PPESafety/Personal_Protective_Equipment/Product_Catalog/~//3M-Breathe-Easy-Turbo-Belt-Mounted-Powered-Air-Purifying-Respirator-PAPR-Assembly-520-17-00-Intrinsically-Safe-1-Case?N=4294875669+5011378&Nr=AND%28hrcy_id%3AGSXK47J6S2gs_R8VGL1ZJRV_N2RL3FH WVK_GPD0K8BC31gv%29&rt=d&x=21&y=15)

**SAMPLER BIO AGENT (ITEM BEING REPLACED)**

**TOC**

**MANUFACTURER: IDAHO TECHNOLOGY, INC.**

**Manufacturer Model# 7200**

**Manufacturer's PHONE: (801) 736-6354 FAX: (801) 588-0507**

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

**Item Web Link:**

**<http://www.idahotech.com/RAPID/index.html>**

**AAC 'L' ITEM NSN 6640-01-500-5694**

**UAs: 220B**

**USAMMA POC: Customer Relations Management 301-619-1288/4301 - DSN 343-1288/4301**

**UNIT PRICE: \$48,400.00**

**System Description:** The Ruggedized Advanced Pathogen Identification Device (R.A.P.I.D.) is a portable real-time PCR system, designed to identify biological agents. Because of its rugged design, reliability, and accuracy it has become the standard for the U.S. DoD and other militaries around the world. The R.A.P.I.D. is the ideal choice for mobile analytical labs and field hospitals.

This instrument integrates Idaho Technology's LightCycler® Instrument technology into a portable, impact-resistant package. Distinctive software allows simple "push-button" use of the R.A.P.I.D. System by field personnel with minimal training. This allows for field identification of pathogens quickly, safely, and accurately.

Pentium-based laptop with Windows XP Professional, 40 GB hard drive with Intel® Graphics Media Accelerator 900.

**Features:** Instrument:

- 32 Samples in less than 30 minutes
- Portable and meets MIL-STD-810E transport standards

Chemistry:

- Freeze-dried reagents; just add sample and water
- Validated for sensitivity and specificity on the R.A.P.I.D. System

Software:

- Simple wizard-based user interface
- Automated qualitative analysis and text delineated exportable data

**NOTE: The R.A.P.I.D. System is a defense article controlled for export under the International Traffic in Arms Regulations (ITAR), administered by the U.S. Department of State, Directorate of Defense Trade Controls. The transfer of any hardware or technical data controlled by the ITAR to any unauthorized persons, requires prior written approval from the U.S. Department of State.**



**SAMPLER BIOLOGICAL AGENT FIELD ID**  
**PART # 7200**  
**NSN 6640015005694**

**SAMPLER BIO AGENT (ITEM BEING REPLACED)  
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

<b>Item Dimensions</b>	<b>Height (Inches)</b>	<b>19.4</b>
	<b>Width (Inches)</b>	<b>10.5</b>
	<b>Length (Inches)</b>	<b>14.3</b>
	<b>Cube (Cubic Feet)</b>	<b>1.6857</b>
	<b>Weight</b>	<b>50 lbs</b>
<b>Ship Dimensions</b>	<b>Height (Inches)</b>	<b>0</b>
	<b>Width (Inches)</b>	<b>0</b>
	<b>Length (Inches)</b>	<b>0</b>
	<b>Cube (Cubic Feet)</b>	<b>0</b>
	<b>Weight</b>	
<b>Storage Temp</b>		
<b>Operating Temp</b>		
<b>Storage Humidity</b>		
<b>Operating Humidity</b>		
<b>Amps</b>		<b>6</b>
<b>Watts</b>		<b>650</b>
<b>Power Requirements</b>	<b>220/110 VAC, 50/60 Hz</b>	
<b>Notes</b>		

**SAMPLER BIO AGENT (ITEM BEING REPLACED)  
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Idaho Technology, Inc.	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6640015005694		Sampler Bio Agent (Item Being Replaced)	7200		1	EA	\$48,400.00	\$48,400.00	N/A

**SAMPLER BIO AGENT (ITEM BEING REPLACED)  
ACCESSORIES & CONSUMABLES**

**NO RESUPPLY ITEMS**

## STERILIZER SURGICAL DRESSING

[TOC](#)

**MANUFACTURER: ENVIRONMENTAL TECTONICS**

**Manufacturer Model# M-138**

**Manufacturer's PHONE: (215) 355-9100 FAX: (215) 357-4000**

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

**Item Web Link:**

<http://www.etcsterilization.com/m-138-sterilizer>

**AAC 'L' ITEM NSN 6530-00-926-2151**

**UAs: 220B, P302**

**USAMMA POC: Customer Relations Management 301-619-1288/4301 - DSN 343-1288/4301**

**UNIT PRICE: \$57,240.00**

**System Description:** "Big Bertha" is still being manufactured and is available for purchase. This general purpose, military field sterilizer, has been manufactured by ETC continuously, since 1969. This rugged and dependable portable field sterilizer is essential for field hospitals in a combat zone.

Replacement parts are also available for support of units currently being used in the field. Please contact us if you need any more information regarding this dependable and reliable piece of equipment.

These battle tested, field sterilizers can be ordered piece by piece, or in volume. The M-138 is perfect for efficient and effective sterilization of surgical instruments, bottles and other open containers, as well as a questionable water supply.

- Features:**
- Multiple applications: The M-138 steam sterilizes and dries wrapped and unwrapped dressings, instruments, utensils, glassware, gloves, syringes, bed pans, discharge kits, and liquids.
  - Rugged Housing: For protection, the M138 sterilizer is built with a rugged case. When completely closed, the case protects the sterilizer and the heat source, and also serves as a shipping container. When it is opened it becomes a suitable stand.
  - Accuracy: Pressure gauges within 0.1 bar (1.5 psig), timer within 5 seconds, thermometer within 0.5°C between 98.9 and 132.2 °C (210 to 270 °F).
  - Steam supply: For field operation, power steam can be supplied from electricity or external steam can be utilized.
  - Safety: The low water safety switch will cut the flow of electrical power to the heaters should the water in the steam enclosure fall to an unsafe level. Door radial-holding arms have been disengaged from the head ring, allowing steam to escape from the chamber without endangering the operator.

**NOTE: The gasoline burner that was originally provided with these units is no longer authorized for Army use. If a gasoline burner is received or found as a part of one of these sterilizers, it should be disposed of by authorized means and not used or tested.**



**STERILIZER SURGICAL DRESSING, PRESSURE FUEL HTD CRS 16X36 IN  
PART # M-138  
NSN 6530009262151**



**STERILIZER SURGICAL DRESSING, PRESSURE FUEL HTD CRS 16X36 IN.  
PART # M-138  
NSN 6530009262151**



**STERILIZER SURGICAL DRESSING, PRESSURE FUEL HTD CRS 16X36 IN.  
PART # M-138  
NSN 6530009262151**



**SOFTENER, WATER , PORTABLE STERILIZER  
PART # PWS-001  
NSN 6530015852079  
Found in UA Support**

**STERILIZER SURGICAL DRESSING  
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

<b>Item Dimensions</b>	<b>Height (Inches)</b>	<b>62</b>
	<b>Width (Inches)</b>	<b>25</b>
	<b>Length (Inches)</b>	<b>46</b>
	<b>Cube (Cubic Feet)</b>	<b>41.2616</b>
	<b>Weight</b>	<b>312 lbs</b>
<b>Ship Dimensions</b>	<b>Height (Inches)</b>	
	<b>Width (Inches)</b>	
	<b>Length (Inches)</b>	
	<b>Cube (Cubic Feet)</b>	
	<b>Weight</b>	
<b>Storage Temp</b>		
<b>Operating Temp</b>		
<b>Storage Humidity</b>		
<b>Operating Humidity</b>		
<b>Amps</b>		<b>75</b>
<b>Watts</b>		<b>9000</b>
<b>Power Requirements</b>	<b>Dual voltage 120/220 VAC, 50/60 Hz</b>	
<b>Notes</b>	<b>Chamber Dimensions: 16-inch diameter x 36 inches</b> <b>Chamber Capacity: 4.19 cu ft</b>	

**STERILIZER SURGICAL DRESSING  
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Environme ntal Tectonics	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6530009262151		Sterilizer Surgical Dressing	M-138		1	EA	\$57,240.00	\$57,240.00	N/A
3120013559771		Bushing, Sleeve	C300-250- 50/109		6	EA	Incl w/NSN 2151	Incl w/NSN 2151	N/A
4540013537289		Heating Element	C300-249- 48/109		3	EA	Incl w/NSN 2151	Incl w/NSN 2151	N/A
5310013515344		Washer, Teflon, Filler Plug	C300-906- 40		2	EA	Incl w/NSN 2151	Incl w/NSN 2151	N/A
5330013505937		Gasket , Door	B300-264- 23/2		1	EA	Incl w/NSN 2151	Incl w/NSN 2151	N/A
5330013537292		Gasket, Heating Element Mounting Plate	C300-249- 46/109		2	EA	Incl w/NSN 2151	Incl w/NSN 2151	N/A
7125013802687		Shelf, Bottom	C300-906- 119		1	EA	Incl w/NSN 2151	Incl w/NSN 2151	N/A
7125013821655		Shelf	C300-906- 123		6	EA	Incl w/NSN 2151	Incl w/NSN 2151	N/A

**STERILIZER SURGICAL DRESSING  
ACCESSORIES & CONSUMABLES - RESUPPLY**

NSN	Notes	Nomenclature	MFR PN Environme ntal Tectonics	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
3120013559771		Bushing, Sleeve	C300-250- 50/109		1	EA	\$7.04	\$7.04	N/A
4540013537289		Heating Element	C300-249- 48/109		1	EA	\$99.00	\$99.00	N/A
5310013515344		Washer, Teflon, Filler Plug	C300-906- 40		1	EA	\$18.00	\$18.00	N/A
5330013505937		Gasket , Door	B300-264- 23/2		1	EA	\$44.00	\$44.00	N/A
5330013537292		Gasket, Heating Element Mounting Plate	C300-249- 46/109		1	EA	\$97.00	\$97.00	N/A
6530014585587		Filter Sterilization 7-1/2 inches 1000s	68509		1	1000/P G	\$76.00	\$76.00	N/A
6530015852079		Softener, Water, Portable Sterilizer	PWS-001		1	EA	\$1,362.24	\$1,362.24	N/A
6640013785773		Paper Filter F/Use w/Rigid Sterilizer	FX3-1		1	1000/P G	\$45.32	\$45.32	60
7125013802687		Shelf, Bottom	C300-906- 119		1	EA	\$43.00	\$43.00	N/A
7125013821655		Shelf	C300-906- 123		1	EA	\$83.00	\$83.00	N/A

**STERILIZER SURGICAL DRESSING  
ADDITIONAL NOTE:**

The gasoline burner that was originally provided with these units is no longer authorized for Army use. If a gasoline burner is received or found as a part of one of these sterilizers, it should be disposed of by authorized means and not used or tested.

**STERILIZER SURGICAL DRESSING**

## **WEB LINKS**

**Click Below for Equipment Support Plans. Note: Only available to personnel who reside in a Military (.mil) domain. Please select the plans you wish to receive and enter your email address. Support Plans include 10/20 Standards, maintenance intervals, Maintenance Allowance Chart, and more.**

**<[http://www.usamma.army.mil/assets/apps/email\\_doc/email\\_doc\\_index.cfm](http://www.usamma.army.mil/assets/apps/email_doc/email_doc_index.cfm)>**

## STIRRER-HOT PLATE MAGNETIC LABORATORY

[TOC](#)

**MANUFACTURER: BARNSTEAD THERMOLYNE CORP**

**Manufacturer Model# SP18425Q**

**Manufacturer's PHONE: (563) 556-2241 FAX: (563) 589-0516**

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

**Item Web Link:**

<http://www.thermoscientific.com/ecomm/servlet/productsdetail?productId=11953002&groupType=PRODUCT&searchType=0&storeId=11152&from=search>

**AAC 'L' ITEM NSN 6640-00-113-8336**

**UAs: 211B, 212B, 213B, 214B, 215B, 217B, 220B, N436**

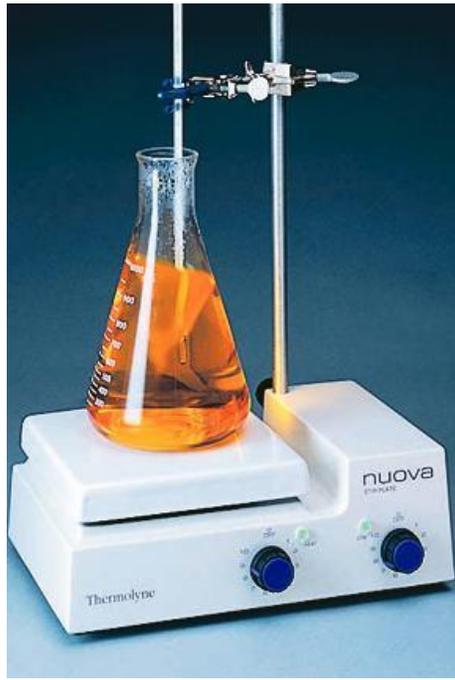
**USAMMA POC: Customer Relations Management 301-619-1288/4301 - DSN 343-1288/4301**

**UNIT PRICE: \$406.24**

**System Description:** Reaches maximum temperature in just eight minutes. Embedded heating element ensures even heat distribution. Temperatures are held within  $\pm 5$  °C ( $\pm 9$  °F) at 371 °C (700 °F). Uses eddy current device for improved stirring control at low speeds. Starting torque overcomes static friction of stirring mechanism. Reaches set speed immediately. Includes an integral ring stand holder to accommodate a 1/2 inch diameter (1.3 cm) support rod. Maximum load 20 lbs (9.1 kg). Recommended for use with glass vessels only. With enameled diecast aluminum case.

- Features:**
- Die cast aluminum case provides durability and long life
  - Porcelain-coated stainless steel top gives you excellent corrosion resistance
  - One inch topside drip edge protects internal components in case of accidental spillage
  - Compact, low profile design fits on the most crowded lab bench
  - All units include an integral ring stand holder to accommodate a half inch diameter support rod
  - Accommodates up to 20-lb loads
  - Demand-type thermostatic temperature control senses top plate temperature, providing excellent temperature stability
  - Low temperature control: 38 °C (100.4 °F) makes the Nuova hotplate the perfect choice for warming applications
  - Recommended for use with glass vessels only

**NOTE: Alert: Recommended for use with glass vessels only.**



**STIRRER-HOT PLATE MAGNETIC LABRATORY**  
**PART # SP18425Q**  
**NSN 6640001138336**

**STIRRER-HOT PLATE MAGNETIC LABORATORY  
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

<b>Item Dimensions</b>	<b>Height (Inches)</b>	4.5
	<b>Width (Inches)</b>	11.8
	<b>Length (Inches)</b>	8.6
	<b>Cube (Cubic Feet)</b>	0.2643
	<b>Weight</b>	
<b>Ship Dimensions</b>	<b>Height (Inches)</b>	0
	<b>Width (Inches)</b>	0
	<b>Length (Inches)</b>	0
	<b>Cube (Cubic Feet)</b>	0
	<b>Weight</b>	11 lbs
<b>Storage Temp</b>		
<b>Operating Temp</b>		
<b>Storage Humidity</b>		
<b>Operating Humidity</b>		
<b>Amps</b>		7.3
<b>Watts</b>		858
<b>Power Requirements</b>	120 VAC, 60 Hz	
<b>Notes</b>		

**STIRRER-HOT PLATE MAGNETIC LABORATORY  
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Barnstead Thermolyn e Corp	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6640001138336		Stirrer-Hot Plate Magnetic Laboratory	SP18425Q		1	EA	\$406.24	\$406.24	N/A
6640014734045		Stir Bar Teflon Coated	11-494-19		1	EA	Incl w/NSN 8336	Incl w/NSN 8336	N/A
NSN Not Required		Literature, Operator			1	EA	Incl w/NSN 8336	Incl w/NSN 8336	N/A

**STIRRER-HOT PLATE MAGNETIC LABORATORY  
ACCESSORIES & CONSUMABLES**

**NO RESUPPLY ITEMS**

**THERMAL CYCLER W O (ITEM BEING REPLACED)**

**TOC**

**MANUFACTURER: BIO-RAD LABORATORIES**

**Manufacturer Model# PTC0196**

**Manufacturer's PHONE: (510) 741-6683 FAX: (510) 741-4300**

**Manufacturer's Website: <http://www.bio-rad.com>**

**AAC 'Y' ITEM NSN 6520-01-461-7938**

**UAs: 220B**

**USAMMA POC: Customer Relations Management 301-619-1288/4301 - DSN 343-1288/4301**

**UNIT PRICE: \$4,202.00**

**System Description: (Item Being Replaced)**



**THERMAL CYCLER W O (ITEM BEING REPLACED)  
PART # PTC0196  
NSN 6520014617938**

**THERMAL CYCLER W O (ITEM BEING REPLACED)  
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

<b>Item Dimensions</b>	<b>Height (Inches)</b>	<b>0</b>
	<b>Width (Inches)</b>	<b>0</b>
	<b>Length (Inches)</b>	<b>0</b>
	<b>Cube (Cubic Feet)</b>	<b>0</b>
	<b>Weight</b>	
<b>Ship Dimensions</b>	<b>Height (Inches)</b>	<b>0</b>
	<b>Width (Inches)</b>	<b>0</b>
	<b>Length (Inches)</b>	<b>0</b>
	<b>Cube (Cubic Feet)</b>	<b>0</b>
	<b>Weight</b>	
<b>Storage Temp</b>		
<b>Operating Temp</b>		
<b>Storage Humidity</b>		
<b>Operating Humidity</b>		
<b>Amps</b>		
<b>Watts</b>		
<b>Power Requirements</b>	N/A	
<b>Notes</b>		

**THERMAL CYCLER W O (ITEM BEING REPLACED)  
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN BIO-RAD Laboratorie s	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6520014617938		Thermal Cycler W O (Item Being Replaced)	PTC0196		1	EA	\$4,202.00	\$4,202.00	N/A

**THERMAL CYCLER W O (ITEM BEING REPLACED)  
ACCESSORIES & CONSUMABLES**

**NO RESUPPLY ITEMS**

## VORTEX MIXER LABORATORY RECIPROCATING

[TOC](#)

**MANUFACTURER: FISHER SCIENTIFIC**

**Manufacturer Model# 12-812**

**Manufacturer's PHONE: (412) 490-8908 FAX: (412) 490-8717**

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

**Item Web Link:**

[http://www.fishersci.com/wps/portal/PRODUCTDETAIL?tab=Items&productId=4989320&fromSearch=Y&highlightProductsItemsFlag=Y&crossRefPartNo=null&crossRefData=null&catlogId=29104&catCode=RE\\_SC](http://www.fishersci.com/wps/portal/PRODUCTDETAIL?tab=Items&productId=4989320&fromSearch=Y&highlightProductsItemsFlag=Y&crossRefPartNo=null&crossRefData=null&catlogId=29104&catCode=RE_SC)

**AAC 'J' ITEM NSN 6640-00-926-1290**

**UAs: 211B, 212B, 213B, 215B, 217B, 220B, 221B, 913B, 9409, N403, N703**

**USAMMA POC: Customer Relations Management 301-619-1288/4301 - DSN 343-1288/4301**

**UNIT PRICE: \$397.61**

**System Description:** Designed for gentle shaking or vigorous vortexing of samples in a wide variety of applications. Use with flasks, beakers, tubes, and microwell plates. Constructed using a heavy base casting with corrosion-resistant enamel finish, units remain stable on work surfaces. The fixed speed vortex mixers are one-touch units designed for high-speed mixing and vigorous vortexing of samples at 3200 rpm. Mixing starts when the head is pressed down. The analog vortex mixers have a variable speed control from 600–3200 rpm, which allows low rpm startup for gentle shaking or high-speed mixing for vigorous vortexing of samples. Units can be operated in touch mode when depressing the cup head or in a continuous mode. Models feature a three-way power switch and a speed knob with variable 1 to 8 dial marks.

**Features:**

- Variable analog speed control from 600 to 3200 rpm for gentle to vigorous action
- Continuous mode for use with accessory attachments
- Touch mode activated when depressing the cup head
- Three-way power switch



**VORTEX MIXER LABORATORY RECIPROCATING  
PART # 12-812  
NSN 6640009261290**

**VORTEX MIXER LABORATORY RECIPROCATING  
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

<b>Item Dimensions</b>	<b>Height (Inches)</b>	<b>6.5</b>
	<b>Width (Inches)</b>	<b>4.75</b>
	<b>Length (Inches)</b>	<b>6.5</b>
	<b>Cube (Cubic Feet)</b>	<b>0.1161</b>
	<b>Weight</b>	<b>10 lbs</b>
<b>Ship Dimensions</b>	<b>Height (Inches)</b>	<b>0</b>
	<b>Width (Inches)</b>	<b>0</b>
	<b>Length (Inches)</b>	<b>0</b>
	<b>Cube (Cubic Feet)</b>	<b>0</b>
	<b>Weight</b>	<b>11.7 lbs</b>
<b>Storage Temp</b>		<b>-4 to 149 °F</b>
<b>Operating Temp</b>		<b>39.2 to 104 °F</b>
<b>Storage Humidity</b>		<b>20 to 85% Relative humidity, non-condensing</b>
<b>Operating Humidity</b>		<b>20 to 85% Relative humidity, non-condensing</b>
<b>Amps</b>		<b>1.2</b>
<b>Watts</b>		<b>150</b>
<b>Power Requirements</b>	<b>115 VAC, 50/60Hz</b>	
<b>Notes</b>	<b>Speed Range 600-3200 rpm</b>	

**VORTEX MIXER LABORATORY RECIPROCATING  
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Fisher Scientific	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6640009261290		Vortex Mixer Laboratory Reciprocating	12-812		1	EA	\$397.61	\$397.61	
	Awaiting NSN	Cup Head	02-215-380		1	EA	Incl w/NSN 1290	Incl w/NSN 1290	N/A
NSN Not Required		Literature Operations			1	EA	Incl w/NSN 1290	Incl w/NSN 1290	N/A

**VORTEX MIXER LABORATORY RECIPROCATING  
ACCESSORIES & CONSUMABLES - RESUPPLY**

NSN	Notes	Nomenclature	MFR PN Fisher Scientific	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
	Awaiting NSN	Cup Head	02-215-380		1	EA	\$20.40	\$20.40	N/A
NSN Not Required		Literature Operations			1	EA	\$0.00	\$0.00	N/A



