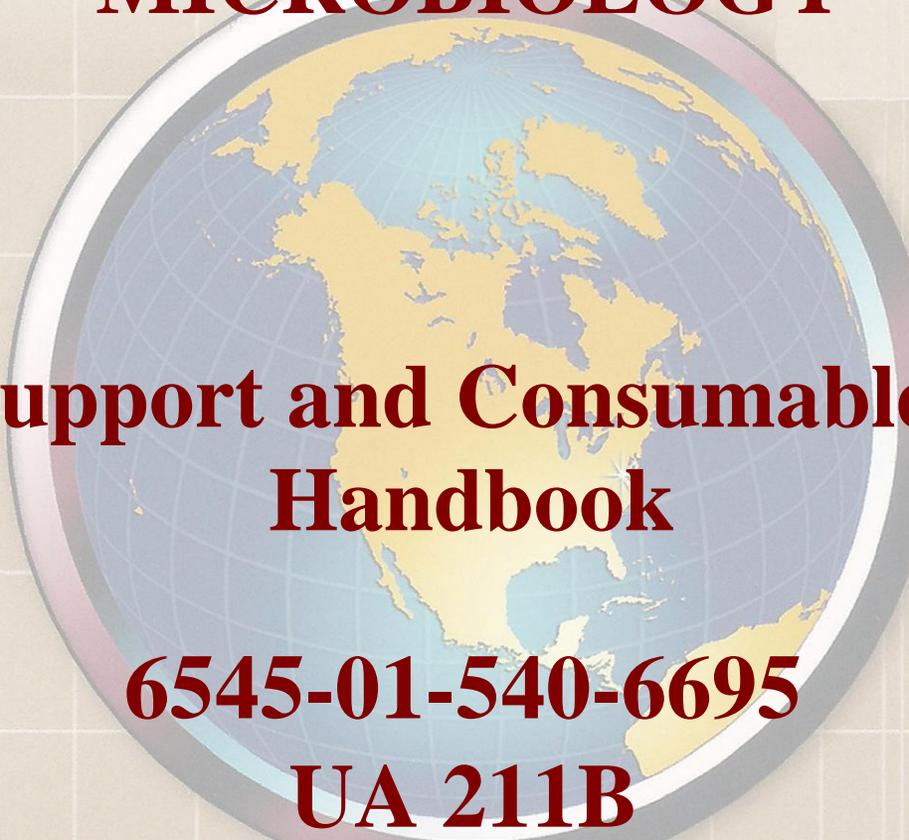


**MEDICAL EQUIPMENT  
SET ENDEMIC DISEASE  
MICROBIOLOGY**



**Support and Consumables  
Handbook**

**6545-01-540-6695**

**UA 211B**

**LIN M22214**

*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>>**

NOTE: CLICK ON TITLE  
FOR DIRECT LINK

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

Select: EQUIPMENT PUBLICATIONS BUTTON AT TOP OF FORM



## BALANCE ELECTRONIC

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**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)**

## CYTOCENTRIFUGE 100-240VAC 50 60HZ

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**MANUFACTURER: THERMOFISHER**

**Manufacturer Model# CYTOSPIN 4**

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

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

**Item Web Link:**

<http://www.thermoscientific.com/ecom/servlet/productsdetail?productId=12933646&groupType=PRODUCT&searchType=0&storeId=11152>

**AAC 'L' ITEM NSN 6640-01-571-8979**

**UAs: 211B, 214B, N436**

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

**UNIT PRICE: \$7,940.05**

**System Description:** This unit provides economical thin-layer preparations from any liquid matrix, especially hypocellular fluids such as spinal fluids and urines.

Cytocentrifuge designed to protect the operator before, during and after sample preparation. Safety is the top priority. The ability to load the Cytospin sealed head in a microbiological cabinet is the ultimate safety procedure.

- Features:**
- Process 12 specimens at one time
  - Accepts all protocols from previous Cytospin models 1, 2, and 3
  - Redesigned lid-release mechanism allows for one-handed opening and closing of the outer lid for easy access. As an added safety measure, the Cytospin will only operate when the lid is locked into position. The lid remains locked at all times during rotation.
  - The polycarbonate window allows the operator to see the Sealed Head during cytocentrifugation. Excellent safety design prevents accidental fluid spillage from damaging the mechanical or electronic components and allows for easy disinfecting. It meets stringent IEC 61010 standards for centrifuge safety.
  - Pull-out Program Card allows for up to nine programs to be logged for fast and convenient retrieval (erasable ink pen included)



CYTOCENTRIFUGE 100-240VAC 50 60HZ  
PART # CYTOSPIN 4  
NSN 6640015718979



**CYTOCENTRIFUGE SEALED HEAD  
PART # 59910018**

**CYTOCENTRIFUGE 100-240VAC 50 60HZ  
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

<b>Item Dimensions</b>	<b>Height (Inches)</b>	<b>9.5</b>
	<b>Width (Inches)</b>	<b>16</b>
	<b>Length (Inches)</b>	<b>24.5</b>
	<b>Cube (Cubic Feet)</b>	<b>2.1551</b>
	<b>Weight</b>	<b>26.5 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>100-240 VAC, 50/60 Hz</b>	
<b>Notes</b>		

**CYTOCENTRIFUGE 100-240VAC 50 60HZ  
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN ThermoFisher	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6640015718979		Cytocentrifuge 100-240VAC 50 60Hz	CYTOSPIN 4		1	EA	\$7,940.05	\$7,940.05	N/A
	Awaiting NSN	Rotor, Sealed Head	59910018		1	EA	Incl w/NSN 8979	Incl w/NSN 8979	N/A
	Awaiting NSN	Seals, Extra Head	59910019		1	3/PG	Incl w/NSN 8979	Incl w/NSN 8979	N/A
NSN Not Required		Literature Operator	A78310250		1	EA	Incl w/NSN 8979	Incl w/NSN 8979	N/A

**CYTOCENTRIFUGE 100-240VAC 50 60HZ  
ACCESSORIES & CONSUMABLES - RESUPPLY**

NSN	Notes	Nomenclature	MFR PN ThermoFisher	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
	Awaiting NSN	Rotor, Sealed Head	59910018		1	EA	\$1,492.50	\$1,492.50	N/A
	Awaiting NSN	Seals, Extra Head	59910019		1	3/PG	\$93.10	\$93.10	N/A



## ENCLOSURE, STILL AIR

[TOC](#)

**MANUFACTURER: PLAS-LABS INC**

**Manufacturer Model# 825-PCR/HEPA**

**Manufacturer's PHONE: (517) 372-7177 FAX: (517) 372-2857**

**Manufacturer's Website: <http://www.plas-labs.com/>**

**Item Web Link:**

[http://www.plas-labs.com/glovebox\\_825.cfm](http://www.plas-labs.com/glovebox_825.cfm)

**AAC 'L' ITEM NSN 6530-01-583-6812**

**UAs: 211B**

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

**UNIT PRICE: \$3,638.51**

**System Description:** Still Air Enclosure PCR (UVC) Chamber; Contains both fluorescent and UV germicidal lamps; UV system rated at 254 nm to decontaminate all interior surfaces; 0.5 inch thick optically clear front panel; Effective against beta rays, but not gamma rays; Removable doors and side access panels; Proximity sensors turn off power to UV system when doors are opened; Inside dimensions: 23.5" W x 17" D x 21" H; Includes HEPA filter.

- Features:**
- Two bright white acrylic shelves are included (5" x 23") & (7" x 23") one is tooled to store pipettors.
  - Front panel is .500" (13mm) thick for Beta Ray protection (catalog # 825-UVC (F5)).
  - Side access panels are removable and have thumb knobs.
  - Proximity sensors turn off the U.V. system for safety when the door is opened.
  - Automatic timer
  - The system has a 2A (two-Amp) circuit breaker.
  - Sides and back wall are one piece formed of .375 in. thick acrylic for long term rigidity, durability, and protection.
  - Bottom tray has a formed in-place spill tray.
  - Main housing and top are removable for installation of large pieces of research equipment.
  - The UV system is rated at 254 nm.
  - Positive pressure external fan (blower). 115-120 Volts.
  - Small H.E.P.A. filter rated at 99.97% efficiency at 0.3 microns.
  - No tools required for filter change over.
  - Low fan noise level. Rated at less than 40 dBA.



**ENCLOSURE, STILL AIR  
PART # 825-PCR/HEPA  
NSN 6530015836812**

**ENCLOSURE, STILL AIR  
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

<b>Item Dimensions</b>	<b>Height (Inches)</b>	<b>28</b>
	<b>Width (Inches)</b>	<b>26</b>
	<b>Length (Inches)</b>	<b>23</b>
	<b>Cube (Cubic Feet)</b>	<b>9.6898</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>110 lbs</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>110-120 VAC, 60 Hz; 220 VAC model available</b>	
<b>Notes</b>		

**ENCLOSURE, STILL AIR  
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Plas-Labs Inc	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6530015836812		Enclosure, Still Air	825- PCR/HEP A		1	EA	\$3,638.51	\$3,638.51	N/A
	Awaiting NSN	Fluorescence Lamp	EL1124		1	EA	Incl w/NSN 6812	Incl w/NSN 6812	N/A
	Awaiting NSN	HEPA Filter	825-HEPA	MS2199	1	EA	Incl w/NSN 6812	Incl w/NSN 6812	N/A
	Awaiting NSN	LED Lamp	EL1151		1	EA	Incl w/NSN 6812	Incl w/NSN 6812	N/A
	Awaiting NSN	NEMA Power Cord	EL1142		1	EA	Incl w/NSN 6812	Incl w/NSN 6812	N/A
	Awaiting NSN	Shelf, Lower	ST4029		1	EA	Incl w/NSN 6812	Incl w/NSN 6812	N/A
	Awaiting NSN	Shelf, Upper	ST4030		1	EA	Incl w/NSN 6812	Incl w/NSN 6812	N/A
	Awaiting NSN	Ultraviolet Light Bulb	EL1122		1	EA	Incl w/NSN 6812	Incl w/NSN 6812	N/A
NSN Not Required		Literature Operation Manual January 2003	N/A		1	EA	Incl w/NSN 6812	Incl w/NSN 6812	N/A

**ENCLOSURE, STILL AIR  
ACCESSORIES & CONSUMABLES**

**NO RESUPPLY ITEMS**

## INCUBATOR, BACTERIOLOGICAL DIRECT HEAT

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**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**

## INCUBATOR, DRY HEAT

[TOC](#)

**DISTRIBUTOR: GSS INC.**

**MANUFACTURER: BOEKEL SCIENTIFIC**

**Manufacturer Model# 113002**

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

**Manufacturer's PHONE: (215) 396-8200 FAX: (215) 396-8264**

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

**Manufacturer's Website: <http://www.boekelsci.com/index.html>**

**Item Web Link:**

[http://www.boekelsci.com/pages/products/drybath/pro\\_drybath\\_over.html](http://www.boekelsci.com/pages/products/drybath/pro_drybath_over.html)

**AAC 'J' ITEM NSN 6640-01-564-7932**

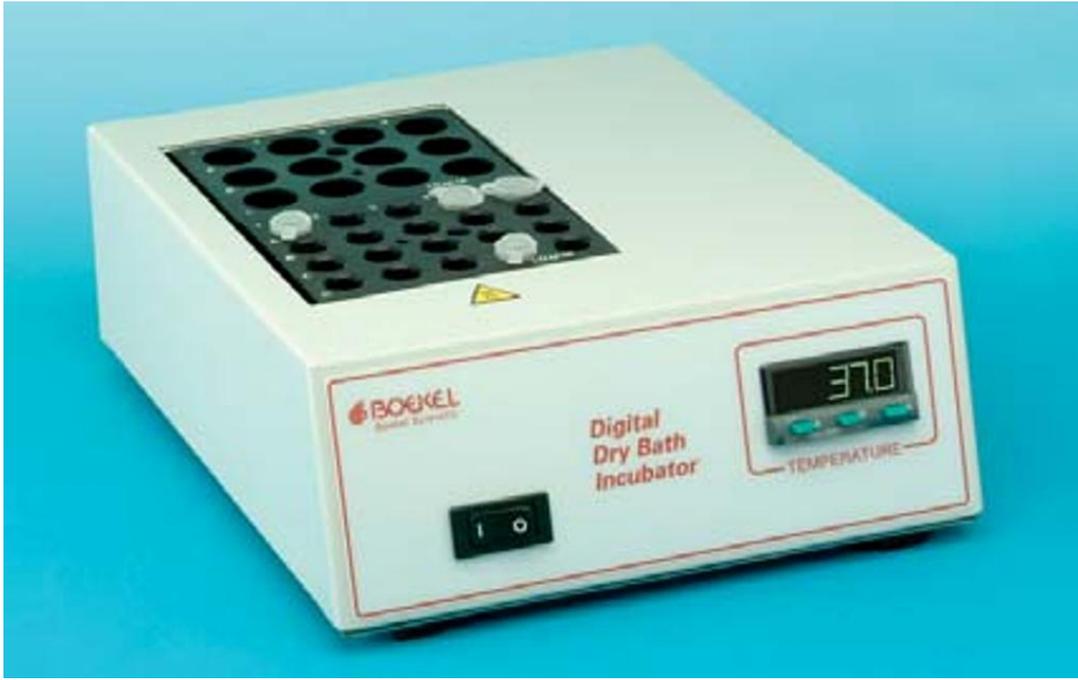
**UAs: 211B, 212B, 221B, 263C, 504B, N503, N703**

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

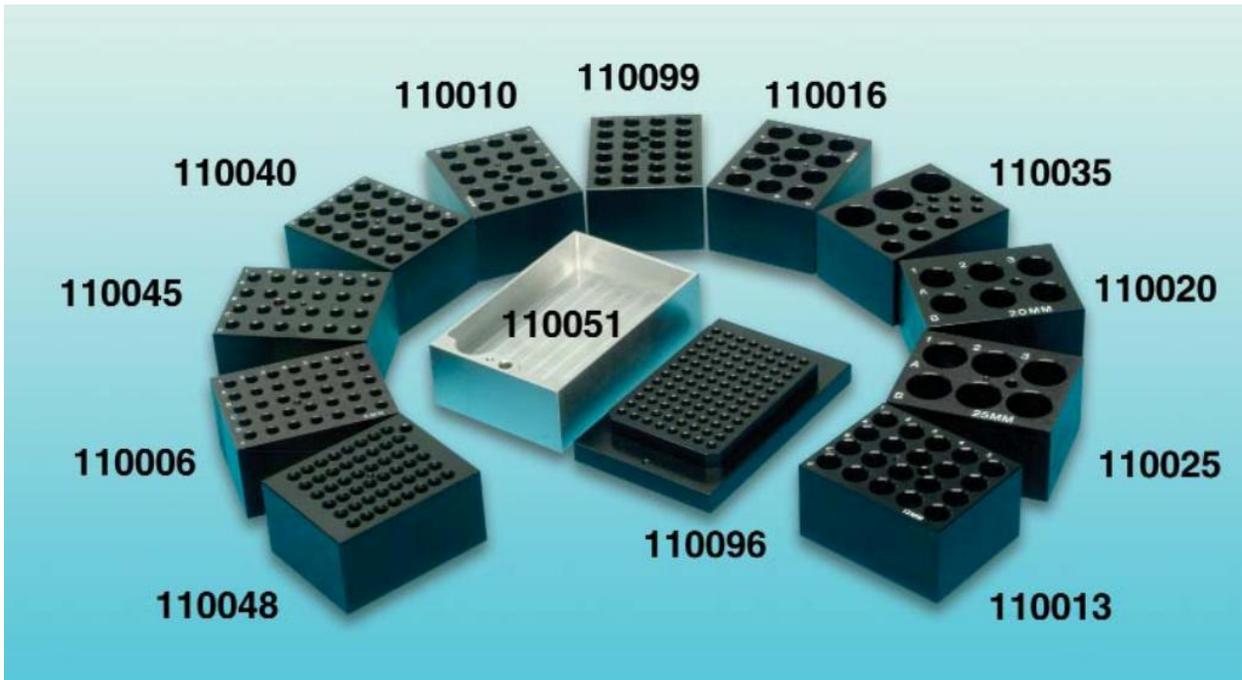
**UNIT PRICE: \$735.40**

**System Description:** Designed to accommodate an assortment of interchangeable Heating Block Modules. Incorporates a proportional integrative derivative (PID) controller for easy temperature selection, rapid heat-up and superb stability. Temperature uniformity is  $\pm 0.25$  °C @ 37 °C ( $\pm 0.45$  °F @ 98.6 °F). The large LED display is easily seen throughout the lab.

- Features:**
- Temperature set in 0.1 °C increments (0.18 °F) up to 120 °C (248 °F)
  - PID Microprocessor controlled temperature selection
  - Large LED Display
  - Blocks are interchangeable between Analog and Digital Models
  - "Set it and forget it" convenience
  - Superb temperature stability
  - Supplied with block extractor rod



INCUBATOR, DRY HEAT  
PART # 113002  
NSN 6640015647932



INCUBATOR BLOCKS  
PART # 110013  
**110013 only is included with Incubator**



**HEATER BLOCK, 13MM 20 TUBES  
PART # 110013  
NSN 6640015695500**

**INCUBATOR, DRY HEAT**  
**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>9.8</b>
	<b>Cube (Cubic Feet)</b>	<b>0.1588</b>
	<b>Weight</b>	<b>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>5 lbs</b>
<b>Storage Temp</b>		
<b>Operating Temp</b>		<b>0.1 to 120 °C (0.18 to 248 °F)</b>
<b>Storage Humidity</b>		
<b>Operating Humidity</b>		
<b>Amps</b>		<b>1.74</b>
<b>Watts</b>		<b>200</b>
<b>Power Requirements</b>	<b>115 VAC, 50/60Hz</b>	
<b>Notes</b>	<b>Uniformity ± 0.25 °C @ 37 °C (± 0.45 °F @ 98.6 °F)</b>	

**INCUBATOR, DRY HEAT  
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Boekel Scientific	DIST PN GSS Inc.	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6640015647932		Incubator, Dry Heat	113002	BOE11300 2BOMEA	1	EA	\$735.40	\$735.40	N/A
6640015695500		Heater Block, 13mm 20 Tube	110013		2	EA	Incl w/NSN 7932	Incl w/NSN 7932	N/A

**INCUBATOR, DRY HEAT  
ACCESSORIES & CONSUMABLES - RESUPPLY**

NSN	Notes	Nomenclature	MFR PN Boekel Scientific	DIST PN GSS Inc.	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6640015695500		Heater Block, 13mm 20 Tube	110013		1	EA	\$66.47	\$66.47	N/A



## MICROBIAL IDENTIFICATION SYSTEM

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**DISTRIBUTOR: DADE BEHRING, INC.**

**MANUFACTURER: SIEMENS**

**Manufacturer Model# B1018-502**

**Distributor's PHONE: (847) 267-5300 FAX: (770) 291-1968**

**Manufacturer's PHONE: (914) 631-8000 FAX: (914) 524-2132**

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

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

### Item Web Link:

[http://www.medical.siemens.com/webapp/wcs/stores/servlet/ProductDisplay~q\\_catalogId~e - 101~a\\_catTree~e 100001,1023065,1022066,1022167~a\\_langId~e - 101~a\\_productId~e 182143~a\\_storeId~e 10001.htm](http://www.medical.siemens.com/webapp/wcs/stores/servlet/ProductDisplay~q_catalogId~e - 101~a_catTree~e 100001,1023065,1022066,1022167~a_langId~e - 101~a_productId~e 182143~a_storeId~e 10001.htm)

**AAC 'L' ITEM NSN 6640-01-463-0068**

**UAs: 211B, N403**

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

**UNIT PRICE: \$47,504.03**

**System Description:** This system processes panels in seconds, simplifying identification and antimicrobial susceptibility testing (ID/AST) while standardizing results. Exceptional instrument reliability and dried conventional panel technology thus providing the fewest FDA limitations in automated ID/AST. This makes the autoSCAN® 4 an excellent supplemental system for difficult organisms.

Includes the following equipment items:

- LabPro Computer and Monitor
- ONEAC Line Conditioner
- LabPro Printer Xerox
- Renok

**Features:** The LabPro Information Manager and LabPro Alert System eliminates manual review for unusual conditions or results and integrates institution-specific resolution guidance into your workflow. Operation is easy to use and easy to learn, with minimal training.

Performance Processes:

- Dried Conventional panels – Direct MIC, the most sensitive susceptibility methodology, helps you zero in on emerging resistance.
- Chromogenic panels – Fast identification for yeast and fastidious organisms.



**AUTOSCAN 4 SYSTEM  
PART # B1018-502  
NSN 6640014630068**



**LABPRO COMPUTER & MONITOR  
PART # B1018-510**



**POWERSVAR LINE CONDITIONER  
PART # ABC600-11**



**LABPRO PRINTER XEROX  
PART # Phaser 3150**



**RENOK  
PART # B1018-14  
NSN 6640012696053**



**RENOK - SHOWN WITH TEST PANELS  
PART # B1018-14  
NSN 6640012696053**

**MICROBIAL IDENTIFICATION SYSTEM  
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

<b>Item Dimensions</b>	<b>Height (Inches)</b>	<b>10</b>
	<b>Width (Inches)</b>	<b>19</b>
	<b>Length (Inches)</b>	<b>23</b>
	<b>Cube (Cubic Feet)</b>	<b>2.5289</b>
	<b>Weight</b>	<b>40 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>-22 to 104 °F</b>
<b>Operating Temp</b>		<b>60 to 90 °F</b>
<b>Storage Humidity</b>		<b>0 to 95% Non-Condensing</b>
<b>Operating Humidity</b>		<b>0 to 95% Non-Condensing</b>
<b>Amps</b>		<b>1.91</b>
<b>Watts</b>		<b>220</b>
<b>Power Requirements</b>	<b>105/115/230 VAC ± 10%, 50/60 Hz ± 10%</b>	
<b>Notes</b>	<b>Line current: 2.00 A Max (115 VAC), 1.25 A Max (230 VAC)</b> <b>Leakage current: Less than 500 µA</b>	

**MICROBIAL IDENTIFICATION SYSTEM  
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Siemens	DIST PN Dade Behring, Inc.	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6640014630068		Microbial Identification System		B1018-502	1	EA	\$47,504.03	\$47,504.03	N/A
6640012696053		Innoculator Device Renok		B1018-14	1	EA	Incl w/NSN 0068	Incl w/NSN 0068	N/A
6640015574256		LabPro Computer & Monitor		B1018-510	1	EA	Incl w/NSN 0068	Incl w/NSN 0068	N/A
6640015577731		Printer LabPro	3150		1	EA	Incl w/NSN 0068	Incl w/NSN 0068	N/A
6640015577735		Line Conditioner	ABC600- 11		1	EA	Incl w/NSN 0068	Incl w/NSN 0068	N/A
NSN Not Required		Literature Operator	9020-6659		1	EA	Incl w/NSN 0068	Incl w/NSN 0068	N/A

**MICROBIAL IDENTIFICATION SYSTEM  
ITEMS FOUND IN THE UNIT ASSEMBLAGE SUPPORTING THIS ITEM**

NSN	Notes	Nomenclature	MFR PN Siemens	DIST PN Dade Behring, Inc.	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6550012375406		Potassium Hydrox 30ML	B1010-43		1	BT	\$13.33	\$13.33	N/A
6550012732392		Peptidase Test Reagent, Sufficient for 600 Tests 30 ML		B1013-30B	1	BT	\$15.84	\$15.84	12
6550013136196		Ferric Chloride Solution 30 ML Reagent used W/Microscan System		B1010-48A	1	BT	\$16.25	\$16.25	24
6550013136198		Sulfanilic Acid Reagent 30 ML		B1010-44A	1	BT	\$13.33	\$13.33	24
6550013155298		Kovacs Reagent 30 ML		B1010-41A	1	BT	\$15.32	\$15.32	N/A
6550014983145		Indole Test Reagent 30 ML F/Use W/Microscan Panels		B1015-17	1	EA	\$17.85	\$17.85	N/A
6550015002390		Culture Control Gram Positive Panel Microscan Culti-Loop Set 5s	4661001		1	5/PG	\$162.49	\$162.49	N/A
6550015002412		Culture Control API NH Microscan Culti-Loop Set 20s	R4653070		1	20/PG	\$216.00	\$216.00	N/A
6550015003730		Sodium Hydroxide Solution 30ML		B1015-3	1	BT	\$17.98	\$17.98	N/A
6550015015021		Combo 20 Panels Microscan to Perform Aerobic Gram Positive Test 20		B1017-202	1	20/PG	\$1,345.71	\$1,345.71	N/A
6550015362120		Codebook Identification Gram Positive Organism		B1014-46B	1	EA	\$310.00	\$310.00	N/A
6550015362123		Codebook Identification Gram Negative Organism		B1010-66D	1	EA	\$310.00	\$310.00	N/A
6640012696053		Innoculator Device Renok		B1018-14	1	EA	\$1,009.63	\$1,009.63	N/A
6640013104970		Inoculator Set C/O Seed Trough & Transfer lid plastic Disposable 240s		B1013-4	1	240/PG	\$301.92	\$301.92	N/A

**ITEMS FOUND IN THE UNIT ASSEMBLY SUPPORTING THIS ITEM**

NSN	Notes	Nomenclature	MFR PN Siemens	DIST PN Dade Behring, Inc.	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6640013145991		Cover Tray Laboratory Plastic Covers F/Microscan Panels 12s		B1010-56B	2	12/PG	\$22.69	\$45.38	N/A
6810012240164		Alpha Naphthol 0.5 GM used W/Autoscan-4 & Touchscan System		B1010-42A	2	EA	\$8.24	\$16.48	36

**MICROBIAL IDENTIFICATION SYSTEM  
ACCESSORIES & CONSUMABLES - RESUPPLY**

NSN	Notes	Nomenclature	MFR PN Siemens	DIST PN Dade Behring, Inc.	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6550012375406		Potassium Hydrox 30ML	B1010-43		1	BT	\$13.33	\$13.33	N/A
6550012675527		Xylene Reagent Liquid 30 ML		B1015-5	1	VI	\$8.58	\$8.58	12
6550012732392		Peptidase Test Reagent, Sufficient for 600 Tests 30 ML		B1013-30B	1	BT	\$15.84	\$15.84	12
6550013100613		Antimicrobial Inoculation & Preparation Kit 60 Procedures		B1026-10D	1	EA	\$169.20	\$169.20	12
6550013136196		Ferric Chloride Solution 30 ML Reagent used W/Microscan System		B1010-48A	1	BT	\$16.25	\$16.25	24
6550013136198		Sulfanilic Acid Reagent 30 ML		B1010-44A	1	BT	\$13.33	\$13.33	24
6550013155298		Kovacs Reagent 30 ML		B1010-41A	1	BT	\$15.32	\$15.32	N/A
6550014983145		Indole Test Reagent 30 ML F/Use W/Microscan Panels		B1015-17	1	EA	\$17.85	\$17.85	N/A
6550015002372		Culture Control Gram Negative Panel Microscan Culti-Loop Set	4661000		1	5/PG	\$144.00	\$144.00	N/A
6550015002390		Culture Control Gram Positive Panel Microscan Culti-Loop Set 5s	4661001		1	5/PG	\$162.49	\$162.49	N/A
6550015002412		Culture Control API NH Microscan Culti-Loop Set 20s	R4653070		1	20/PG	\$216.00	\$216.00	N/A
6550015003730		Sodium Hydroxide Solution 30ML		B1015-3	1	BT	\$17.98	\$17.98	N/A
6550015010965		Control Streptococcus Pneumoniae to Grow Culture Control Organisms	19301		1	EA	\$27.03	\$27.03	18
6550015015021		Combo 20 Panels Microscan to Perform Aerobic Gram Positive Test 20		B1017-202	1	20/PG	\$1,345.71	\$1,345.71	N/A
6550015041159		Culture Medium Gram Negative Break Point Combo Type 30 f/Microscan		B1017-306	1	30/PG	\$267.50	\$267.50	4
6550015362120		Codebook Identification Gram Positive Organism		B1014-46B	1	EA	\$310.00	\$310.00	N/A

## ACCESSORIES & CONSUMABLES - RESUPPLY

NSN	Notes	Nomenclature	MFR PN Siemens	DIST PN Dade Behring, Inc.	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6550015362123		Codebook Identification Gram Negative Organism		B1010-66D	1	EA	\$310.00	\$310.00	N/A
6640012696053		Innoculator Device Renok		B1018-14	1	EA	\$1,009.63	\$1,009.63	N/A
6640013104970		Inoculator Set C/O Seed Trough & Transfer lid plastic Disposable 240s		B1013-4	1	240/PG	\$301.92	\$301.92	N/A
6640013145991		Cover Tray Laboratory Plastic Covers F/Microscan Panels 12s		B1010-56B	1	12/PG	\$22.69	\$22.69	N/A
6640013285198		Seal Strip Aerobic Anaerobic Identification Test Panel 600s	B1010-51		1	600/PG	\$151.83	\$151.83	N/A
6810012240164		Alpha Naphthol 0.5 GM used W/Autoscan-4 & Touchscan System		B1010-42A	1	EA	\$8.24	\$8.24	36
7510015562939		Printer Toner Cartridge	109R00746		1	EA	\$99.99	\$99.99	N/A

### MICROBIAL IDENTIFICATION SYSTEM 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)**

**[Click Below for Technical Specifications and Installation Requirements](#)**

**[http://www.medical.siemens.com/siemens/en\\_GLOBAL/gg\\_diag\\_FBAs/files/Microbiology/tech\\_specs/autoscans\\_TechSheet\\_073009.pdf](http://www.medical.siemens.com/siemens/en_GLOBAL/gg_diag_FBAs/files/Microbiology/tech_specs/autoscans_TechSheet_073009.pdf)**

## MICROPLATE READER

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### MANUFACTURER: BIO-RAD LABORATORIES

Manufacturer Model# 680

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

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

#### Item Web Link:

<http://www.bio-rad.com/prd/en/US/adirect/biorad?cmd=BRCatgProductDetail&productID=180201>

AAC 'L' ITEM NSN 6640-01-508-8526

UAs: 211B

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

UNIT PRICE: \$7,650.00

**System Description:** The Model 680 microplate absorbance reader provides laboratories that need an economical, high-performance microplate reader with flexible configurations. The onboard software provides user log-in, protocols and data storage, and curve-fit and reporting functions. An onboard graphical thermal printer and precision temperature control are factory options for this reader.

- Features:**
- Capability to read flat-, U-, or V-bottom microplates or 8- or 12-well strip plates
  - Automatic calibration before each reading
  - Broad wavelength range for varied applications
  - Variable-speed plate shaking capability
  - Easy-access 8-position filter wheel, with 4 standard filters provided with each reader
  - RS-232 port for external PC control (with Microplate Manager software in Windows or Macintosh platforms)
  - Clear LCD display — now 5 mm thick
  - Onboard storage of standard curves and graphs
  - Ability to print graphics on external printer — ASCII or ESCIP formats
  - Self-diagnostic capabilities to detect lamp burnout at startup
  - Includes 415, 450, 490, and 655 nm filters (installed)



**MICROPLATE READER  
PART # 168-1000  
NSN 6640015088526**

**MICROPLATE READER  
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

<b>Item Dimensions</b>	<b>Height (Inches)</b>	<b>6</b>
	<b>Width (Inches)</b>	<b>13</b>
	<b>Length (Inches)</b>	<b>13.3</b>
	<b>Cube (Cubic Feet)</b>	<b>0.6003</b>
	<b>Weight</b>	<b>12.2 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>-4 to 122 °F (-20 to 50 °C)</b>
<b>Operating Temp</b>		<b>41 to 95 °F (5 to 35 °C)</b>
<b>Storage Humidity</b>		<b>0 to 95% Non-condensing</b>
<b>Operating Humidity</b>		<b>0 to 95% Non-condensing</b>
<b>Amps</b>		
<b>Watts</b>		<b>100</b>
<b>Power Requirements</b>	<b>Universal Input: 100-240 VAC, 50-60 Hz</b>	
<b>Notes</b>	<b>Power consumption: 100 VA maximum</b>	

**MICROPLATE READER  
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN BIO-RAD Laboratorie s	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6640015088526		Microplate Reader	680		1	EA	\$7,650.00	\$7,650.00	N/A
	Awaiting NSN	Dust Cover	100-1546		1	EA	Incl w/NSN 8526	Incl w/NSN 8526	N/A
	Awaiting NSN	Filter 415nm	168-1013		1	EA	Incl w/NSN 8526	Incl w/NSN 8526	N/A
	Awaiting NSN	Filter 450nm	168-1020		1	EA	Incl w/NSN 8526	Incl w/NSN 8526	N/A
	Awaiting NSN	Filter 490nm	168-1028		1	EA	Incl w/NSN 8526	Incl w/NSN 8526	N/A
	Awaiting NSN	Filter 655nm	168-1061		1	EA	Incl w/NSN 8526	Incl w/NSN 8526	N/A
	See Additional Note Below	Fuse	900-0231		2	EA	Incl w/NSN 8526	Incl w/NSN 8526	N/A
	Awaiting NSN	Lamp replacement for Model 680 Reader	168-1006		1	EA	Incl w/NSN 8526	Incl w/NSN 8526	N/A
	Awaiting NSN	Paper Printer	168-1007		1	RO	Incl w/NSN 8526	Incl w/NSN 8526	N/A
	Awaiting NSN	Power Cord	167-9005		1	EA	Incl w/NSN 8526	Incl w/NSN 8526	N/A
NSN Not Required	Download Below	Literature Operator			1	EA	Incl w/NSN 8526	Incl w/NSN 8526	N/A

**MICROPLATE READER  
ITEMS FOUND IN THE UNIT ASSEMBLAGE SUPPORTING THIS ITEM**

NSN	Notes	Nomenclature	MFR PN BIO-RAD Laboratorie s	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6640014687749		Plates Microwell Flatbottom 96 Wells Rigid Plate	011-010- 3355		10	50/PG	\$68.68	\$686.80	N/A

**MICROPLATE READER  
ACCESSORIES & CONSUMABLES - RESUPPLY**

NSN	Notes	Nomenclature	MFR PN BIO-RAD Laboratorie s	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
	Awaiting NSN	Dust Cover	100-1546		1	EA	\$16.76	\$16.76	N/A
	Awaiting NSN	Filter 405nm	168-1011		1	EA	\$299.00	\$299.00	N/A
	Awaiting NSN	Filter 415nm	168-1013		1	EA	\$299.00	\$299.00	N/A
	Awaiting NSN	Filter 450nm	168-1020		1	EA	\$299.00	\$299.00	N/A
	Awaiting NSN	Filter 490nm	168-1028		1	EA	\$299.00	\$299.00	N/A
	Awaiting NSN	Filter 540nm	168-1038		1	EA	\$299.00	\$299.00	N/A
	Awaiting NSN	Filter 550nm	168-1040		1	EA	\$299.00	\$299.00	N/A
	Awaiting NSN	Filter 570nm	168-1044		1	EA	\$299.00	\$299.00	N/A
	Awaiting NSN	Filter 595nm	168-1049		1	EA	\$299.00	\$299.00	N/A
	Awaiting NSN	Filter 620nm	168-1054		1	EA	\$299.00	\$299.00	N/A

**ACCESSORIES & CONSUMABLES - RESUPPLY**

NSN	Notes	Nomenclature	MFR PN BIO-RAD Laboratorie s	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
	Awaiting NSN	Filter 630nm	168-1056		1	EA	\$299.00	\$299.00	N/A
	Awaiting NSN	Filter 655nm	168-1061		1	EA	\$299.00	\$299.00	N/A
	Awaiting NSN	Filter 750nm	168-1080		1	EA	\$325.00	\$325.00	N/A
	See Additional Note Below	Fuse	900-0231		1	EA	\$0.00	\$0.00	N/A
	Awaiting NSN	Lamp replacement for Model 680 Reader	168-1006		1	EA	\$113.00	\$113.00	N/A
	Awaiting NSN	Paper Printer	168-1007		1	2/RO	\$49.00	\$49.00	N/A
	Awaiting NSN	Power Cord	167-9005		1	EA	\$30.00	\$30.00	N/A
6640014687749		Plates Microwell Flatbottom 96 Wells Rigid Plate	011-010- 3355		1	50/PG	\$68.68	\$68.68	N/A
NSN Not Required	Download Below	Literature Operator			1	EA	\$0.00	\$0.00	N/A

**MICROPLATE READER**

**ADDITIONAL NOTE:**

Fuse comes installed in unit; a spare is included. It cannot be ordered separately; call tech support for free replacement.

**MICROPLATE READER**

**WEB LINKS**

**[Click Below for Product Information](#)**

**<[http://www.bio-rad.com/cmc\\_upload/Literature/48412/bulletin\\_2733.pdf](http://www.bio-rad.com/cmc_upload/Literature/48412/bulletin_2733.pdf)>**

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

**<[http://www.bio-rad.com/cmc\\_upload/Literature/49148/4000155E.pdf](http://www.bio-rad.com/cmc_upload/Literature/49148/4000155E.pdf)>**

**MICROPLATE READER**  
**ITEM TABLES**

**Microplate Reader Model 680 Specifications**  
**General Operation**

SPECIFICATION	DESCRIPTION
Operating panel	Membrane keypad with 4 arrow, 7 function, and 11 number keys
Self-diagnosis	Checks filter disk, plate transport, electronics, main PC board, battery, memory, and the internal printer
Warm-up time	3 minutes
Reading speed	
Fast read mode	6 second single wavelength, 10 second dual wavelength
Step read mode	15 second single wavelength, 30 second dual wavelength
Mixing capability	3-speed setting, programmable time 0 to 999 seconds
Compatible plates	Polystyrene flat-, U-, and V-bottom plates, 8- and 12-well strip plates
Assay blanks	User-defined or stored assay template
Data storage buffer	Last 10 plate data for endpoint, or last 30 plate data for kinetic reads
Report types	Raw, absorbance, matrix, limit, cutoff, concentration, curve fit, difference, and kinetic
Internal printer	Thermal printer with 112mm paper width, 40 column, 9 x 8/7 (graphic/text model) dot matrix
Computer interface	Bidirectional RS-232C serial communication port, 9-pin D-sub plug

**Optical**

SPECIFICATION	DESCRIPTION
Bandwidth	10 nm
Standard filters	415, 450, 490, and 655 nm
Photometric methods	Single and dual wavelength
Photodetectors	8 silicon photodiode detectors for measurement, 1 for reference
Light source	Tungsten halogen 20W, 3,000 hr life
Spectral range	400-750 nm
Filter capacity	8 interference filters

**Technical**

SPECIFICATION	DESCRIPTION
Indication range	0.000 to 3.500 OD
Resolution	0.001 OD
Accuracy	± 1.0%, or 0.010 from 0.000 to 3.000 OD at 490 nm
Linearity	± 1.0% from 0.000 to 2.000 OD ± 2.0% from 2.000 to 3.000 OD
Reproducibility	1.0% or 0.005 OD from 0.000 to 2.000 OD 1.5% FROM 2.000 to 3.000 OD
Channel-to-channel error	1.5%, or 0.005 OD to 3.000 OD
Stability and drift	0.010 OD at OD = 1 with single wavelength reading

## ROTATOR LABORATORY

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**MANUFACTURER: BARNSTEAD THERMOLYNE CORP**

**Manufacturer Model# 2314Q**

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

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

### **Item Web Link:**

<http://www.fishersci.com/ecom/servlet/fsproductdetail?storeId=10652&productId=4481348&catalogId=29104&matchedCatNo=1167152Q&endecaSearchQuery=%23store%3DScientific%23N%3D0%23rpp%3D15&fromSearch=1&searchKey=2314Q&highlightProductsItemsFlag=Y>

**AAC 'L' ITEM NSN 6640-01-532-0227**

**UAs: 211B , 212B , 504B , N403 , N503 , N703**

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

**UNIT PRICE: \$884.00**

**System Description:** Designed to provide long life and dependable service in a variety of applications, particularly molecular biology, immunology, and clinical usage. Ideal for general rotation of many types and sizes of vessels including plastic/glass trays, vials, petri dishes, microwell plates, culture plates, slides, test tubes, and agglutination cards. Variable speed, rotates from 40 to 220 rpm for gentle to vigorous agitation, adjustable with a rotary dial. Platforms with non-slip surface mats. Operate rotator in continuous mode or set timer from 1 to 60 minutes for time studies. Continuous-duty motor provides smooth, quiet rotation through a 0.75 inch (1.9 cm) orbit. Easy-to-clean white silicone platform mat can be autoclaved. Units operate continuously, enabling them to be used in a variety of environments such as incubators, warm rooms, environmental chambers, and refrigerators. Accommodates loads up to 10 lbs (4.5 kg).



**ROTATOR LABORATORY**  
**PART # 2314Q**  
**NSN 6640015320227**

**ROTATOR LABORATORY  
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

<b>Item Dimensions</b>	<b>Height (Inches)</b>	<b>4.25</b>
	<b>Width (Inches)</b>	<b>12.25</b>
	<b>Length (Inches)</b>	<b>15.6</b>
	<b>Cube (Cubic Feet)</b>	<b>0.47</b>
	<b>Weight</b>	<b>17 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>59 to 104 °F</b>
<b>Operating Temp</b>		<b>39.2 to 104 °F</b>
<b>Storage Humidity</b>		<b>80% Max. Non-Condensing</b>
<b>Operating Humidity</b>		<b>20 to 80% Non-Condensing</b>
<b>Amps</b>		<b>0.4</b>
<b>Watts</b>		<b>50</b>
<b>Power Requirements</b>	<b>120 VAC, 50/60 Hz</b>	
<b>Notes</b>		

**ROTATOR LABORATORY  
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Barnstead Thermolyn e Corp	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6640015320227		Rotator Laboratory	2314Q		1	EA	\$884.00	\$884.00	N/A
NSN Not Required		Literature, Manual	057-325-00		1	EA	Incl w/NSN 0227	Incl w/NSN 0227	N/A

**ROTATOR LABORATORY  
ACCESSORIES & CONSUMABLES - RESUPPLY**

NSN	Notes	Nomenclature	MFR PN Barnstead Thermolyn e Corp	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
NSN Not Required		Literature, Manual	057-325-00		1	EA	\$30.00	\$30.00	N/A

## SINK UNIT SURGICAL SCRUB

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**MANUFACTURER: ASEPTICO INC.**

**Manufacturer Model# ADU-42CF**

**Manufacturer's PHONE: (425) 487-3157 FAX: (360) 668-8722**

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

**Item Web Link:**

<http://www.aseptico.com/military/>

**AAC 'L' ITEM NSN 6530-01-572-6775**

**UAs: 211B, 213B, 218B, 267C, 274A, 504B, 905C, 912B, N312, N316, N413, N436, N503, N504, N513, N523, N713, N725, P301, P307, P308, P309, P310, P311, P314, P506**

**USAMMA POC: Customer Relations Management 301-619-1288/4301 - DSN 343-1288/4301  
UNIT PRICE: \$4,786.88**

**System Description:** This portable scrub sink provides a practical water source for mobile medical and dental operations. Both warm and cold water are available for washing and instrument cleansing as part of the process of disinfecting medical devices. Hands free operation makes surgical scrubs simple. The rigid stainless steel basin and instrument basket are durable and easy to disinfect. And, the accessory tray allows sink-side consolidation of all instruments. Light weight and compact size make the ADU-42CF easy to setup and transport.

**Features:**

- Sink flow rates: High - 0.95 gpm (3.6 Lpm), Low - 0.64 gpm. (2.4 Lpm)
- Max. pump discharge head: 8.3 ft (2.5 meters)
- Pump self-priming limit: 48 inches (1.2 meters)
- Tank capacity: 1.45 gal (5.5 L)
- Tank Fill Time: High Flow - 1.1 minutes, Low Flow - 1.7 minutes
- Heating capacity: 1400 Watts
- Tank Heating Time: High Flow - 6.0 minutes, Low Flow - 6.5 minutes
- Peak water temperature: 106 °F, ±7 °F (41 °C ±4 °C)
- Cold water foot pump flow rate: 0.66 gpm (2.5 Lpm)
- Sink Basin Size: 21.3 x 15.4 x 7.4 inches (54.1 x 39.1 x 18.8 cm)
- Instrument Basket Size: 20.75 x 12.75 x 6 inches (52.7 x 32.4 x 15.2 cm)

**NOTE: Avoid freezing. To protect internal components, purge the sink's tank and lines prior to unattended periods in subfreezing conditions.**



**SINK UNIT SURGICAL SCRUB  
PART # ADU-42CF  
NSN 6530015726775**

**Items not supplied, Jerry cans or alternate water supply.**



**CASE TRANSPORT MIL-SPEC OD GREEN  
PART # 410191-08**



**CASE TRANSPORT MIL-SPEC  
PART # 410191-08**

**Case Shown Open With Contents**



**POUCH STORAGE LEG ASSY ADU-42CF CMPL  
PART # 410192-08**



**POUCH 3 PLUMBING FIELD SINK  
PART # 410131-08  
NSN 6520015366144**



**POUCH ELECTRICAL FIELD SINK  
PART # 410130-08  
NSN 6520015347848**



**BASKET ASSY INSTRUMENT STAINLESS  
PART # 330550**



**SOAP DISPENSER ASSEMBLY  
PART # AA-42SD**



**PAPER TOWEL ASSY  
PART # 330532**

**SINK UNIT SURGICAL SCRUB  
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>50 lbs</b>
<b>Ship Dimensions</b>	<b>Height (Inches)</b>	<b>12.5</b>
	<b>Width (Inches)</b>	<b>22.4</b>
	<b>Length (Inches)</b>	<b>25.3</b>
	<b>Cube (Cubic Feet)</b>	<b>4.0995</b>
	<b>Weight</b>	<b>104 lbs</b>
<b>Storage Temp</b>		<b>34 to 140 °F</b>
<b>Operating Temp</b>		<b>34 to 113 °F</b>
<b>Storage Humidity</b>		<b>5 to 95% Non-condensing</b>
<b>Operating Humidity</b>		<b>5 to 95% Non-condensing</b>
<b>Amps</b>		<b>12</b>
<b>Watts</b>		<b>1380</b>
<b>Power Requirements</b>	<b>115/230 VAC, 50/60 Hz</b>	
<b>Notes</b>		

**SINK UNIT SURGICAL SCRUB  
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Aseptico Inc.	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6530015726775		Sink Unit Surgical Scrub	ADU-42CF		1	EA	\$4,786.88	\$4,786.88	N/A
	Awaiting NSN	Paper Towel Assy	330532		1	EA	Incl w/NSN 6775	Incl w/NSN 6775	N/A
	Awaiting NSN	Pouch Storage Leg Assy ADU-42CF Cmpl	410192-08		1	EA	Incl w/NSN 6775	Incl w/NSN 6775	N/A
6520015347848	Awaiting NSN	Pouch Electrical Field Sink	410130-08		1	EA	Incl w/NSN 6775	Incl w/NSN 6775	N/A
6520015366144	Awaiting NSN	Pouch 3 Plumbing Field Sink	410131-08		1	EA	Incl w/NSN 6775	Incl w/NSN 6775	N/A
6530015883968		Regulator Assembly Water Pressure	330285		1	EA	Incl w/NSN 6775	Incl w/NSN 6775	N/A
6530015883979		Footswitch Switch Assembly Surgical Sink	AE-7PM		1	EA	Incl w/NSN 6775	Incl w/NSN 6775	N/A
6530015884124		Intake Hose Assembly	330252		1	EA	Incl w/NSN 6775	Incl w/NSN 6775	N/A
6530015884132		Waste Hose Assembly	330284		1	EA	Incl w/NSN 6775	Incl w/NSN 6775	N/A
6530015884170		Foot Pump Assembly	330458		1	EA	Incl w/NSN 6775	Incl w/NSN 6775	N/A
6530015885078		Soap Dispenser Assembly	AA-42SD		1	EA	Incl w/NSN 6775	Incl w/NSN 6775	N/A
6530015885138		Basket Assembly Surgical Sink CRS	330550		1	EA	Incl w/NSN 6775	Incl w/NSN 6775	N/A
6530015885163		Case Transport Surgical Sink	410191-08		1	EA	Incl w/NSN 6775	Incl w/NSN 6775	N/A
6530015885492	Awaiting NSN	Pump and Tank Assembly Surgical Sink	330522		1	EA	Incl w/NSN 6775	Incl w/NSN 6775	N/A
6530015888456		Leg Assembly	330521		1	EA	Incl w/NSN 6775	Incl w/NSN 6775	N/A
6530015888537		Tray Instrument	330246		1	EA	Incl w/NSN 6775	Incl w/NSN 6775	N/A
6530015888935		Spout Assembly	120354		1	EA	Incl w/NSN 6775	Incl w/NSN 6775	N/A
NSN Not Required		Literature Operation	420752		1	EA	Incl w/NSN 6775	Incl w/NSN 6775	N/A

**SINK UNIT SURGICAL SCRUB  
ACCESSORIES & CONSUMABLES - RESUPPLY**

NSN	Notes	Nomenclature	MFR PN Aseptico Inc.	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
	Awaiting NSN	Paper Towel Assy	330532		1	EA	\$62.80	\$62.80	N/A
	Awaiting NSN	Pouch Storage Leg Assy ADU-42CF Cmpl	410192-08		1	EA	\$35.14	\$35.14	N/A
6520015347848	Awaiting NSN	Pouch Electrical Field Sink	410130-08		1	EA	\$35.39	\$35.39	N/A
6520015366144	Awaiting NSN	Pouch 3 Plumbing Field Sink	410131-08		1	EA	\$36.52	\$36.52	N/A
6530015883968		Regulator Assembly Water Pressure	330285		1	EA	\$159.74	\$159.74	N/A

## ACCESSORIES & CONSUMABLES - RESUPPLY

NSN	Notes	Nomenclature	MFR PN Aseptico Inc.	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6530015883979		Footswitch Switch Assembly Surgical Sink	AE-7PM		1	EA	\$92.26	\$92.26	N/A
6530015884124		Intake Hose Assembly	330252		1	EA	\$80.05	\$80.05	N/A
6530015884132		Waste Hose Assembly	330284		1	EA	\$20.47	\$20.47	N/A
6530015884170		Foot Pump Assembly	330458		1	EA	\$146.64	\$146.64	N/A
6530015885078		Soap Dispenser Assembly	AA-42SD		1	EA	\$114.25	\$114.25	N/A
6530015885138		Basket Assembly Surgical Sink CRS	330550		1	EA	\$340.03	\$340.03	N/A
6530015885163		Case Transport Surgical Sink	410191-08		1	EA	\$828.96	\$828.96	N/A
6530015885492	Awaiting NSN	Pump and Tank Assembly Surgical Sink	330522		1	EA	\$1,133.94	\$1,133.94	N/A
6530015888456		Leg Assembly	330521		1	EA	\$187.50	\$187.50	N/A
6530015888537		Tray Instrument	330246		1	EA	\$73.71	\$73.71	N/A
6530015888935		Spout Assembly	120354		1	EA	\$198.21	\$198.21	N/A
NSN Not Required		Literature Operation	420752		1	EA			N/A



## STIRRER-HOT PLATE MAGNETIC LABORATORY

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**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/ecom/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**

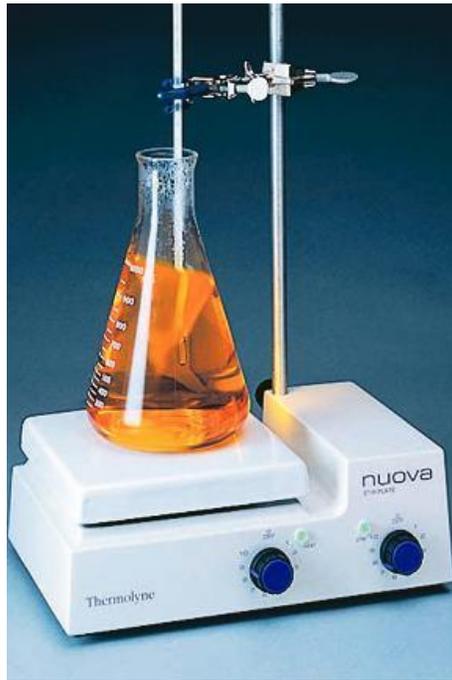
**USAMMA POC: Customer Relations Management 301-619-1288/4301 - DSN 343-1288/4301**

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

## VORTEX MIXER LABORATORY RECIPROCATING

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**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**

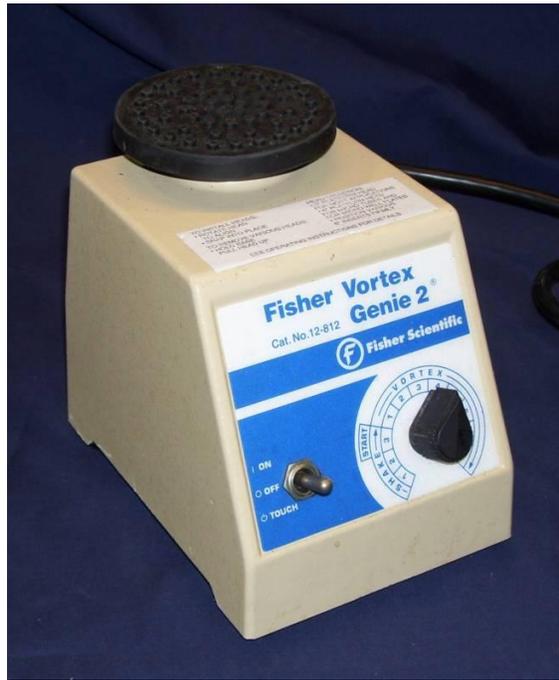
**USAMMA POC: Customer Relations Management 301-619-1288/4301 - DSN 343-1288/4301**

**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

## WASHER MICROPLATE

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**MANUFACTURER: BIO-TEK INSTRUMENTS**

**Manufacturer Model# ELX50**

**Manufacturer's PHONE: (802) 655-4740 FAX: (802) 655-7941**

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

**Item Web Link:**

[http://www.biotek.com/products/liquid\\_handling/elx50\\_microplate\\_strip\\_washer.html](http://www.biotek.com/products/liquid_handling/elx50_microplate_strip_washer.html)

**AAC 'L' ITEM NSN 6640-01-467-9283**

**UAs: 211B**

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

**UNIT PRICE: \$3,915.00**

**System Description:** As a self-contained and programmable instrument, the ELx50 allows for full control of precise fluidic delivery from the gentle dripping of a simple squeeze bottle to the full force of pressure delivery systems.

In a 96-well format, the Dual-Action manifold provides incomparable wash performance with two sets of dispense and aspiration tubes per well. This exclusive method of two-fold aspiration guarantees low residuals. The ELx50 Auto Strip Washer is the perfect solution for low volume users of both 96- and 384-well microplates.

**Features:** Hardware:

- Syringe drive fluid delivery system for precise control over all fluid flow rates
- Patented Dual-Action™ manifold washes both 96- and 384-well plates precisely and accurately.
- Unique priming trough built into removable microplate carrier for effortless priming and easy maintenance
- Automatic buffer switching (optional)
- Electronics completely isolated from fluidic system
- Aerosol shield

Software:

- Wash single strips or full plates
- Create, edit, delete, and copy up to 75 programs from the keypad
- Link up to 10 programs to run the most complex routines
- Multi-user friendly; total programming control for complex research applications, yet easy to use for routine clinical work
- Programmable shaking duration and intensity
- Easy to use and maintain with built-in maintenance programs
- Bottom washing and crosswise aspiration protocols



**WASHER MICROPLATE**  
**PART # ELx50**  
**NSN 6640014679283**

**WASHER MICROPLATE  
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

<b>Item Dimensions</b>	<b>Height (Inches)</b>	<b>6.5</b>
	<b>Width (Inches)</b>	<b>14</b>
	<b>Length (Inches)</b>	<b>16</b>
	<b>Cube (Cubic Feet)</b>	<b>0.8426</b>
	<b>Weight</b>	<b>20 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>-4 to 122 °F</b>
<b>Operating Temp</b>		<b>59 to 104 °F</b>
<b>Storage Humidity</b>		<b>10 to 85% Non-condensing</b>
<b>Operating Humidity</b>		<b>10 to 85% Non-condensing</b>
<b>Amps</b>		<b>0.4</b>
<b>Watts</b>		<b>40</b>
<b>Power Requirements</b>	<b>100-240 VAC, 50/60 Hz</b>	
<b>Notes</b>		

**WASHER MICROPLATE  
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN BIO-TEK Instrument s	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6640014679283		Washer Microplate	ELX50		1	EA	\$3,915.00	\$3,915.00	N/A
	Awaiting NSN	24VDC power supply	61062		1	EA	Incl w/NSN 9283	Incl w/NSN 9283	N/A
	Awaiting NSN	Bottle Reagent (2L) w Cap & Connector	4070515		1	EA	Incl w/NSN 9283	Incl w/NSN 9283	N/A
	Awaiting NSN	Bottle Waste (2L) without Cap	48140		1	EA	Incl w/NSN 9283	Incl w/NSN 9283	N/A
	Awaiting NSN	Cover Aerosol	4070517		1	EA	Incl w/NSN 9283	Incl w/NSN 9283	N/A
	Awaiting NSN	Manifold 8-Channel	4070512S		1	EA	Incl w/NSN 9283	Incl w/NSN 9283	N/A
	Awaiting NSN	Tubing Set Supply	4070510		1	SE	Incl w/NSN 9283	Incl w/NSN 9283	N/A
NSN Not Required		Case ,Transport			1	EA	Incl w/NSN 9283	Incl w/NSN 9283	N/A
NSN Not Required		Literature, Operator	4071000		1	EA	Incl w/NSN 9283	Incl w/NSN 9283	N/A

**WASHER MICROPLATE  
ITEMS FOUND IN THE UNIT ASSEMBLAGE SUPPORTING THIS ITEM**

NSN	Notes	Nomenclature	MFR PN BIO-TEK Instrument s	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6640014688770		Cover Microplate	44204		2	EA	\$230.00	\$460.00	N/A

**WASHER MICROPLATE  
ACCESSORIES & CONSUMABLES - RESUPPLY**

NSN	Notes	Nomenclature	MFR PN BIO-TEK Instrument s	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
	Awaiting NSN	24VDC power supply	61062		1	EA	\$0.00	\$0.00	N/A
	Awaiting NSN	Bottle Reagent (2L) w Cap & Connector	4070515		1	EA	\$46.00	\$46.00	N/A
	Awaiting NSN	Bottle Waste (2L) without Cap	48140		1	EA	\$36.00	\$36.00	N/A
	Awaiting NSN	Cover Aerosol	4070517		1	EA	\$0.00	\$0.00	N/A
	Awaiting NSN	Filter Vacuum Line	48146		1	EA	\$0.00	\$0.00	N/A
	Awaiting NSN	Manifold 8-Channel	4070512S		1	EA	\$422.00	\$422.00	N/A
	Awaiting NSN	Manifold 8-Channel w short dispense tubes	4070519S		1	EA	\$5,410.00	\$5,410.00	N/A
	Awaiting NSN	Solution #1 BioTek 100X Concentrate Wetting Agent	7773002		1	125ML /BO	\$0.00	\$0.00	N/A
	Awaiting NSN	Solution #2 BioTek 10X Concentrate Blue Test Dye	7773001		1	125ML /BO	\$0.00	\$0.00	N/A
	Awaiting NSN	Tubing Set Supply	4070510		1	SE	\$72.00	\$72.00	N/A
	Awaiting NSN	Tubing Set Waste	4070511		1	SE	\$82.00	\$82.00	N/A

## ACCESSORIES & CONSUMABLES - RESUPPLY

NSN	Notes	Nomenclature	MFR PN BIO-TEK Instrument s	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6640014688770		Cover Microplate	44204		1	EA	\$230.00	\$230.00	N/A
NSN Not Required		Literature, Operator	4071000		1	EA	\$45.89	\$45.89	N/A



