

**MEDICAL MATERIEL
SET LABORATORY
LIQUID BLOOD BANK -
84 BED CSH CO**

**Support and Consumables
Handbook**

6545-01-524-6149

UA N504

LIN M73732

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

**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**

TABLE OF CONTENTS

SECTION	DEVICE	NSN	PAGE
1	<u>APHERESIS DEVICE PLATELET THERAPEUTICS</u>	<u>(L) 6515-01-523-2067</u>	1
2	<u>BALANCE LABORATORY HARVARD DOUBLE BEAM</u>	<u>(Z) 6670-00-401-7195</u>	9
3	<u>CENTRIFUGE LABORATORY 3400 RPM</u>	<u>(J) 6640-01-416-7345</u>	13
4	<u>CHAIR LOUNGE BLOOD DONOR ADJUSTABLE</u>	<u>(L) 6530-01-508-6662</u>	17
5	<u>CONTAINER TRANSPORT THERMAL WOODLAND</u>	<u>(L) 6530-01-505-5301</u>	23
6	<u>FREEZER MECHANICAL BLOOD PLASMA</u>	<u>(J) 4110-01-490-2458</u>	27
7	<u>ICE MAKING MACHINE CUBE</u>	<u>(J) 4110-00-837-6441</u>	31
8	<u>MICROSCOPE OPTICAL LABORATORY</u>	<u>(L) 6650-01-519-8473</u>	35
9	<u>REFRIGERATOR SOLID STATE BIO</u>	<u>(L) 4110-01-506-0895</u>	41
10	<u>SINK UNIT SURGICAL SCRUB</u>	<u>(L) 6530-01-572-6775</u>	49
11	<u>THAWING SYSTEM PLASMA CRS RAPID THAW</u>	<u>(L) 6640-01-571-1389</u>	59
12	<u>VIEWER AGGLUTINATION TEST TUBE</u>	<u>(L) 6640-01-193-5035</u>	65

Please provide all comments at the website link listed below.

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

Select: EQUIPMENT PUBLICATIONS BUTTON AT TOP OF FORM

APHERESIS DEVICE PLATELET THERAPEUTICS

[TOC](#)

MANUFACTURER: HAEMONETICS CORP

Manufacturer Model# 09000-110-E

Manufacturer's PHONE: (781) 348-1390 FAX: (781) 356-9990

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

Item Web Link:

<http://www.haemonetics.com/en/Products/Devices/Blood%20-%20Plasma%20Center%20Devices/MCS%209000.aspx>

AAC 'L' ITEM NSN 6515-01-523-2067

UAs: 504B, N504, N704

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

UNIT PRICE: \$23,575.00

System Description: The MCS®+ 9000 mobile platelet collection system is dedicated to blood component collection of platelets. With proven separation technology and state-of-the-art leukocyte reduction with continuous filtration, double unit, and concurrent plasma capabilities, the device offers cost-effective collection from single platelet donors.

- Features:**
- Lightweight and portable
 - Rugged enough to withstand most mobile environments
 - Customized transport case doubles as a device stand for increased flexibility
 - Simple to install
 - Easy to operate
 - Automated cycles

NOTE: The following items are not in the startup but are in the UA Support for this equipment: Mobile Stand P/N 7010 NSN 6515-01-523-2084; Hard Case P/N 09012, NSN 6515-01-523-2082; Extended Storage Platelet Disposables (8) P/N 994CF-CPP, NSN 6515-01-523-2079



**APHERESIS DEVICE PLATELET THERAPEUTICS
PART # 09000-110-E
NSN 6515015232067**



**APHERESIS DEVICE PLATELET THERAPEUTICS
PART # 09000-110-E
NSN 6515015232067**



APHERESIS DEVICE PLATELET THERAPEUTICS WITH CASE



APHERESIS DEVICE PLATELET THERAPEUTICS - HARDENED CASE
PART # 09012-00

Not Included in Startup but Found in UA Support



**TEST SET DIAGNOSTIC
PART # ETC
NSN 6515015556832**

For Testing, Not Included with Apheresis

**APHERESIS DEVICE PLATELET THERAPEUTICS
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

Item Dimensions	Height (Inches)	27
	Width (Inches)	22.25
	Length (Inches)	22.25
	Cube (Cubic Feet)	7.7354
	Weight	56 lbs
Ship Dimensions	Height (Inches)	
	Width (Inches)	
	Length (Inches)	
	Cube (Cubic Feet)	
	Weight	
Storage Temp		-4 to 122 °F
Operating Temp		50 to 80.6 °F
Storage Humidity		Less than 95% Non-Condensing
Operating Humidity		8 to 80%
Amps		5
Watts		500
Power Requirements	100/220 ±10% VAC (Switch Selectable), 46/63 Hz	
Notes	<p>Closed Height: 17.25 inches Closed Width: 22.25 inches Closed Length: 13.38 inches</p> <p>Maintainer Test Kit: NSN 6515-01-555-6832, Test Set Diagnostic Apheresis Located in the following UA's: N523, N725, T500, T503</p>	

**APHERESIS DEVICE PLATELET THERAPEUTICS
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Haemonetics Corp	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6515015232067		Apheresis Device Platelet Therapeutics	09000-110-E		1	EA	\$23,575.00	\$23,575.00	N/A
6515015563060		Tool Kit	36841-00		1	EA	Incl w/NSN 2067	Incl w/NSN 2067	N/A
6515015569599		Power Cord	19417-00		1	EA	Incl w/NSN 2067	Incl w/NSN 2067	N/A
6850012834498		Silicone Lubricant	06176-00		1	EA	Incl w/NSN 2067	Incl w/NSN 2067	N/A
NSN Not Required		Literature, Operator	39129-00		1	EA	Incl w/NSN 2067	Incl w/NSN 2067	N/A
NSN Not Required		Operation Manual for Platelets	51052-00		1	EA	Incl w/NSN 2067	Incl w/NSN 2067	N/A

APHERESIS DEVICE PLATELET THERAPEUTICS

ITEMS FOUND IN THE UNIT ASSEMBLAGE SUPPORTING THIS ITEM

NSN	Notes	Nomenclature	MFR PN Haemonetics Corp	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6515015232079		Platelet Collection Kit Concurrent Plasma Disposable Kit	994-CF-CPP		3	KT	\$1,219.18	\$3,657.54	N/A
6515015232082		Case Transport Hardened Platelet System	09012-00		1	EA	\$848.42	\$848.42	N/A
6515015232084		Stand Platepheresis Instrument For Automate Apheresis Instrument	07010-00		1	EA	\$730.24	\$730.24	N/A

APHERESIS DEVICE PLATELET THERAPEUTICS

ACCESSORIES & CONSUMABLES - RESUPPLY

NSN	Notes	Nomenclature	MFR PN Haemonetics Corp	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6505015267900		Anticoagulant Citrate Dextrose Solution USP Formula - 1000ml vi 12/pg	4B7891		1	12/PG	\$82.88	\$82.88	24
6515015232079		Platelet Collection Kit Concurrent Plasma Disposable Kit	994-CF-CPP		1	KT	\$1,219.18	\$1,219.18	N/A
6515015232082		Case Transport Hardened Platelet System	09012-00		1	EA	\$848.42	\$848.42	N/A
6515015232084		Stand Platepheresis Instrument For Automate Apheresis Instrument	07010-00		1	EA	\$730.24	\$730.24	N/A
6515015556832		Test Set Diagnostic	ETC		1	BD	\$6,395.03	\$6,395.03	N/A
6515015563060		Tool Kit	36841-00		1	EA	\$69.89	\$69.89	N/A
6515015569599		Power Cord	19417-00		1	EA	\$40.58	\$40.58	N/A
6850012834498		Silicone Lubricant	06176-00		1	EA	\$50.43	\$50.43	N/A

ACCESSORIES & CONSUMABLES - RESUPPLY

NSN	Notes	Nomenclature	MFR PN Haemonetics Corp	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
NSN Not Required	Not Incl w/NSN	Literature, Medical Maintenance	47228-00		1	EA	\$85.22	\$85.22	N/A
NSN Not Required		Literature, Operator	39129-00		1	EA	\$123.00	\$123.00	N/A
NSN Not Required		Operation Manual for Platelets	51052-00		1	EA	\$15.84	\$15.84	N/A

APHERESIS DEVICE PLATELET THERAPEUTICS

ADDITIONAL NOTE:

NSN 7610015437003 - Operator's Manual for Platelets included at time of purchase, when ordered as a unit for retrieving platelets.

APHERESIS DEVICE PLATELET THERAPEUTICS

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>](http://www.usamma.army.mil/assets/apps/email_doc/email_doc_index.cfm)

APHERESIS DEVICE PLATELET THERAPEUTICS
ITEM TABLES

Test Set Diagnostic Apheresis Contents ETC (Not Included with End Item)

Nomenclature	PN	QTY	UI	Unit Price
Optics Adjusting Fixture	ETE-5007-00	1	EA	4294.97
Kodak Photographic Gray Card	38372-00	1	EA	7.22
Diagnostic Protocol Card	47536-00	1	EA	181.07
Optics/Line Sensor Test Cable Fixture	ETC-5156-00	1	EA	39.75

Items Found in UA Support for this Equipment Not in Startup

NSN	Nomenclature	Part #
515-01-523-2084	Mobile Stand	7010
6515-01-523-2082	Hard Case	09012
6515-01-523-2079	Extended Storage Platelet Disposables (8)	994-CF-CPP

BALANCE LABORATORY HARVARD DOUBLE BEAM

[TOC](#)

MANUFACTURER: OHAUS CORP

Manufacturer Model# 1550-SD

Manufacturer's PHONE: (973) 377-9000 FAX: (973) 944-7030

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

Item Web Link:

<http://us.ohaus.com/us/en/home/products/product-families/HVD-US.aspx>

AAC 'Z' ITEM NSN 6670-00-401-7195

UAs: 263C, N436, N503, N504, N703, N704

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

UNIT PRICE: \$216.00

System Description: The 1550-SD offers a two-pan design based on the classic Roberval balance principle. Ohaus Harvard Trip balances feature the additional advantages of magnetic damping, beams with sliding weights, and a variety of weighing platforms. Commonly used for comparative weighing to determine the difference in mass between two objects, rather than their absolute value, these balances come equipped with built-in sliding masses. Precision-engineered for years of maintenance-free laboratory use, Harvard Trip balances are known for their accuracy and durability.

Features:

- Highly versatile and rugged
- Two-pan design ideal for comparative weighing
- Built-in sliding masses



BALANCE LABAROTORY HARVARD DOUBLE BEAM
PART # 1550-SD
NSN 6670004017195

**BALANCE LABORATORY HARVARD DOUBLE BEAM
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

Item Dimensions	Height (Inches)	11
	Width (Inches)	15
	Length (Inches)	9
	Cube (Cubic Feet)	0.8594
	Weight	6.2 lbs
Ship Dimensions	Height (Inches)	
	Width (Inches)	
	Length (Inches)	
	Cube (Cubic Feet)	
	Weight	
Storage Temp		
Operating Temp		
Storage Humidity		
Operating Humidity		
Amps		
Watts		
Power Requirements	N/A	
Notes	Capacity x Readability: 10 x 0.1 g / 200 x 10 g Platform construction: Stainless steel plate Platform size (diameter): 6 inches	

**BALANCE LABORATORY HARVARD DOUBLE BEAM
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Ohaus Corp	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6670004017195		Balance Laboratory Harvard Double Beam	1550-SD		1	EA	\$216.00	\$216.00	N/A
NSN Not Required		Literature Operation	1347-02		1	EA	Incl w/NSN 7195	Incl w/NSN 7195	N/A

**BALANCE LABORATORY HARVARD DOUBLE BEAM
ACCESSORIES & CONSUMABLES - RESUPPLY**

NSN	Notes	Nomenclature	MFR PN Ohaus Corp	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6670008039680		Weight Set Scale Balance Brass Weight	12720		1	13/SE	\$170.04	\$170.04	N/A
NSN Not Required		Literature Operation	1347-02		1	EA	\$0.00	\$0.00	N/A

CENTRIFUGE LABORATORY 3400 RPM

TOC

MANUFACTURER: BECTON DICKINSON AND COMP

Manufacturer Model# 420352

Manufacturer's PHONE: (410) 316-4000 FAX: (410) 316-4732

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

Item Web Link:

<http://catalog.bd.com/bdCat/viewProduct.doCustomer?productNumber=420352>

AAC 'J' ITEM NSN 6640-01-416-7345

UAs: 263C, 504B, N503, N504, N703, N704

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

UNIT PRICE: \$2,248.95

System Description: This unit has a high/low switch, electronic timer, brake switch and lid switch. This centrifuge also comes with a 12-place rotor which can accommodate from 10 X 75 mm to 12 X 75 mm tubes (not provided). The unit is portable and can be used for blood grouping, cross matching, coombs test and other cell washing procedures.

NOTE: For replacement 12-place rotor, order NSN 6640-00-445-1609; for replacement 6-place rotor, order NSN 6640-01-162-2949.



**CENTRIFUGE LABORATORY 3400 RPM
PART # SERO-FUGE, 420352
NSN 6640014167345**



**12 PLACE ROTOR
PART # 420545**

**CENTRIFUGE LABORATORY 3400 RPM
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

Item Dimensions	Height (Inches)	17
	Width (Inches)	13
	Length (Inches)	12
	Cube (Cubic Feet)	1.5347
	Weight	28 lbs
Ship Dimensions	Height (Inches)	
	Width (Inches)	
	Length (Inches)	
	Cube (Cubic Feet)	
	Weight	
Storage Temp		41 to 104 °F
Operating Temp		41 to 104 °F
Storage Humidity		20 to 90%
Operating Humidity		20 to 90%
Amps		6.5
Watts		66
Power Requirements	115 VAC, 50/60 Hz	
Notes	Max Speed: 3550 RPM High Speed / 2450 RPM Low Speed	

**CENTRIFUGE LABORATORY 3400 RPM
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Becton Dickinson and Comp	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6640014167345		Centrifuge Laboratory 3400 RPM	420352		1	EA	\$2,248.95	\$2,248.95	N/A
6640004451609		12 Place Rotor	42-0545		1	EA	Incl w/NSN 7345	Incl w/NSN 7345	N/A
NSN Not Required		Literature, Operator	421337		1	EA	Incl w/NSN 7345	Incl w/NSN 7345	N/A

**CENTRIFUGE LABORATORY 3400 RPM
ACCESSORIES & CONSUMABLES - RESUPPLY**

NSN	Notes	Nomenclature	MFR PN Becton Dickinson and Comp	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6640004451609		12 Place Rotor	42-0545		1	EA	\$205.33	\$205.33	N/A
6640011622949		Head Lab Centrifuge 6 Place	420526		1	EA	\$589.98	\$589.98	N/A
NSN Not Required	Not Included W/NSN No NSN Required	Literature, Medical Maintenance	429624		1	EA	\$152.00	\$152.00	N/A
NSN Not Required		Literature, Operator	421337		1	EA	\$10.00	\$10.00	N/A

**CENTRIFUGE LABORATORY 3400 RPM
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>

CHAIR LOUNGE BLOOD DONOR ADJUSTABLE

[TOC](#)

MANUFACTURER: ARLINGTON SCIENTIFIC INC.

Manufacturer Model# PN-614

Manufacturer's PHONE: (801) 489-8911 FAX: (801) 489-5552

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

Item Web Link:

<http://www.arlingtonscientific.com/donor-lounges/novax>

AAC 'L' ITEM NSN 6530-01-508-6662

UAs: 263C, 504B, N504, N704

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

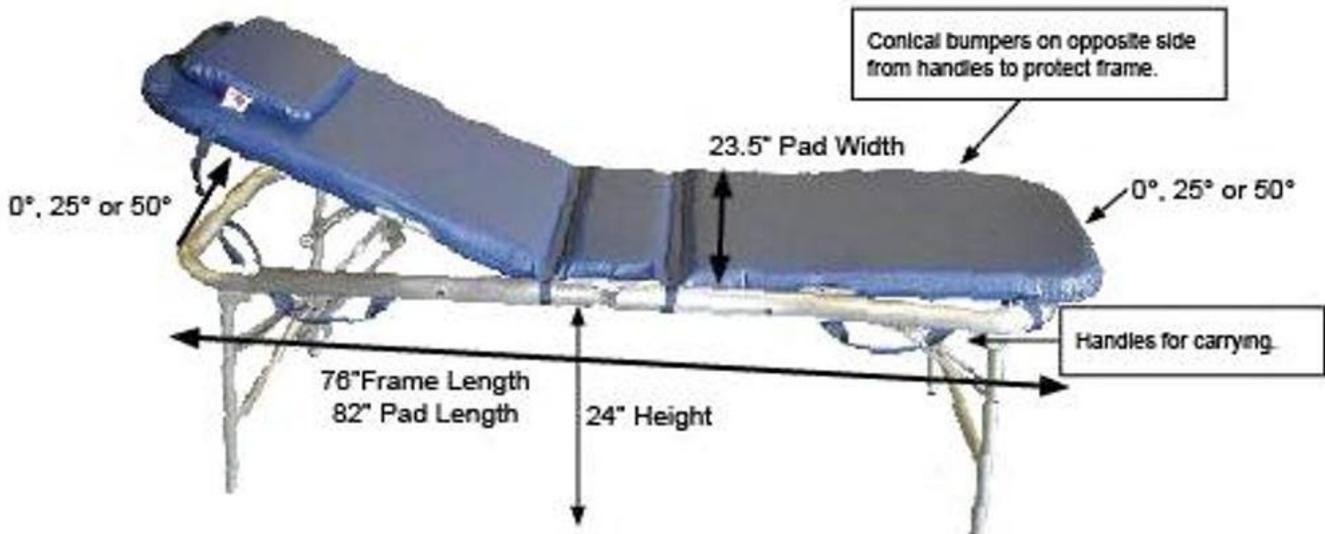
UNIT PRICE: \$2,187.11

System Description: The chair has versatile, multiple donor positions; adjustable at both ends; moves to Trendelenburg (feet up) position rapidly; safe adjustments; left and right arm phlebotomy accessible arm draws possible; sets up in 30 seconds; folds into compact and balanced unit; available in height range of 18 to 32 inches; accommodates most manufactures armrests and scales.

- Features:**
- Caters to patient comfort, providing flat, 25° or 50° positions
 - Strong, sturdy 2-inch aluminum frame: certified to hold 450 lbs
 - Marine-grade Dura-Cote fabric resists tearing
 - One-step Posi-Loc leg system; portable & lightweight
 - Head and footrest adjust to accommodate both left and right phlebotomy
 - Convenient detachable armrest (ships with armrest/tray); pillow included
 - Optional height to fit your needs: order from 18 to 32 inches (standard height is 24 inches)



CHAIR LOUNGE BLOOD DONOR ADJUSTABLE VERSATILE
PART # PN-614
NSN 6530015086662



CHAIR LOUNGE BLOOD DONOR ADJUSTABLE VERSATILE
PART # PN-614



**CHAIR LOUNGE ARMREST WITH TRAY
PART # 20614-800**



CHAIR LOUNGE FOLDED FOR CARRYING

**CHAIR LOUNGE BLOOD DONOR ADJUSTABLE
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

Item Dimensions	Height (Inches)	24
	Width (Inches)	23.5
	Length (Inches)	82
	Cube (Cubic Feet)	26.7639
	Weight	35 lbs
Ship Dimensions	Height (Inches)	
	Width (Inches)	
	Length (Inches)	
	Cube (Cubic Feet)	
	Weight	
Storage Temp		
Operating Temp		
Storage Humidity		
Operating Humidity		
Amps		
Watts		
Power Requirements	N/A	
Notes	Height listed does not include height of armrest or back and footrest if raised.	

**CHAIR LOUNGE BLOOD DONOR ADJUSTABLE
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Arlington Scientific Inc.	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6530015086662		Chair Lounge Blood Donor Adjustable	PN-614		1	EA	\$2,187.11	\$2,187.11	N/A
6530015569168		Novax Armrest/Tray	20614-800		1	EA	Incl w/NSN 6662	Incl w/NSN 6662	N/A
6530015571537		Detachable Pillow	20614-725		1	EA	Incl w/NSN 6662	Incl w/NSN 6662	N/A
6530015774727		Replacement Cushion	20614-700		1	EA	Incl w/NSN 6662	Incl w/NSN 6662	N/A

**CHAIR LOUNGE BLOOD DONOR ADJUSTABLE
ACCESSORIES & CONSUMABLES - RESUPPLY**

NSN	Notes	Nomenclature	MFR PN Arlington Scientific Inc.	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6530015569168		Novax Armrest/Tray	20614-800		1	EA	\$123.00	\$123.00	N/A
6530015571537		Detachable Pillow	20614-725		1	EA	\$45.00	\$45.00	N/A
6530015774727		Replacement Cushion	20614-700		1	EA	\$160.00	\$160.00	N/A

**CHAIR LOUNGE BLOOD DONOR ADJUSTABLE
WEB LINKS**

[Click Below for User Manual](#)

<http://www.arlingtonscientific.com/download/123321_U131983__227271/NOVAX%20User%20Manual.pdf>

[Click Below for Product Brochure](#)

<http://www.arlingtonscientific.com/download/123321_U131983__173861/Novax.pdf>

CONTAINER TRANSPORT THERMAL WOODLAND

[TOC](#)

MANUFACTURER: MINNESOTA THERMAL SCIENCE

Manufacturer Model# GH-WA-MTS-4U

Manufacturer's PHONE: (952) 884-3629 FAX: (763) 412-4801

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

Item Web Link:

http://www.mnthermalscience.com/Products/Products_CredoSolutionFinder_Detail.aspx?pid=11

AAC 'L' ITEM NSN 6530-01-505-5301

UAs: 263C, 504B, 905C, 912B, 921B, N504, N704

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

UNIT PRICE: \$2,971.25

System Description: The thermal container is used for storage and transport of blood, pharmaceuticals, reagents, and vaccines in the field. Maintains internal temperature between 33.8 to 50 °F for 48 plus hours in any environment. It can maintain 41 °F for 96 hours. It requires no ice because of the combined performance of the Vacuum Insulated Panel (VIP) and the Thermal Isolation Chamber (TIC™). Canvas cover with strap included.

- Features:**
- Transports and stores up to 4 units of red blood cells (RBCs)
 - Maintains RBCs at required temperature of between 33.8 and 50 °F for up to 60 hours, even in harsh environments
 - Requires no ice because of the combined performance of the Vacuum Insulated Panel (VIP) and the Thermal Isolation Chamber (TIC™)
 - Weighs approximately 7 pounds; is highly portable and reusable
 - Payload dimensions: 6.0 by 5.0 by 4.25 inches
 - Outside dimensions: 8.8 by 7.8 by 7.2 inches
 - Additional applications include transport and/or storage of:
 - Vaccines
 - Other biologics
 - Organs
 - Reagents
 - Any other temperature-sensitive materials or products



**CONTAINER TRANSPORT THERMAL WOODLAND
PART # GH-WA-MTS-4U
NSN 6530015055301**

**CONTAINER TRANSPORT THERMAL WOODLAND
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

Item Dimensions	Height (Inches)	8
	Width (Inches)	8.25
	Length (Inches)	9.25
	Cube (Cubic Feet)	0.3533
	Weight	7 lbs
Ship Dimensions	Height (Inches)	0
	Width (Inches)	0
	Length (Inches)	0
	Cube (Cubic Feet)	0
	Weight	8 lbs
Storage Temp		
Operating Temp		
Storage Humidity		
Operating Humidity		
Amps		
Watts		
Power Requirements	N/A	
Notes	Payload Dimensions: Height: 6.0 inches Width: 5.0 inches Depth: 4.25 inches	

**CONTAINER TRANSPORT THERMAL WOODLAND
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Minnesota Thermal Science	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6530015055301		Container Transport Thermal Woodland	GH-WA- MTS-4U		1	EA	\$2,971.25	\$2,971.25	N/A
6530015055311		Chamber Thermal Isolation	GH-TIC- MTS-4U		1	EA	Incl w/NSN 5301	Incl w/NSN 5301	N/A

**CONTAINER TRANSPORT THERMAL WOODLAND
ACCESSORIES & CONSUMABLES - RESUPPLY**

NSN	Notes	Nomenclature	MFR PN Minnesota Thermal Science	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6530015055311		Chamber Thermal Isolation	GH-TIC- MTS-4U		1	EA	\$1,675.00	\$1,675.00	N/A

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**

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

**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

ICE MAKING MACHINE CUBE

[TOC](#)

MANUFACTURER: ICE-O-MATIC

Manufacturer Model# ICEU220FA

Manufacturer's PHONE: (303) 371-3737 FAX: (303) 371-6296

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

Item Web Link:

<http://www.iceomatic.com/Products/Ice-Machines/Cubers/Self-Contained/ICEU220-Self-Contained-Cube-Ice-Machine/>

AAC 'J' ITEM NSN 4110-00-837-6441

UAs: 504B, N504, N704

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

UNIT PRICE: \$1,505.44

System Description: Ice Maker with bin, cube-style, undercounter, air-cooled, self-contained condenser, approximately 238-lb production/24 hrs, 74 lb. built-in bin, full-size cube, EnerLogic™ Technology.

- Features:**
- Integrated Storage: Ice making and storage in one small ice machine that fits under most counters
 - Superior Construction: Ice-O-Matic ice makers are constructed from durable stainless steel on the inside and a combination of stainless steel and industrial-grade finger-print proof molding on the outside.
 - Cuber Evaporator: Ice-O-Matic combines a copper core for superior conductivity with electroless nickel plating to resist the damaging effects of water and ice over an extended period of time.
 - Pure ICE®: Built-in antimicrobial protection for the life of the ice maker prevents bacteria and slime fungus growth. Ice-O-Matic's optional water filtration system provides protection against unpleasant tastes, odors and scale formation.
 - Harvest Assist: Consistent Ice production 24/7 by pushing the ice into the bin rather than waiting for gravity to overpower the scale.
 - Filter-Free Air: No air filter to clean or change.
 - 7-Year Warranty: Purchase an Ice-O-Matic water filter with a new Ice-O-Matic ICE Series Cube Ice Maker, replace the water filter cartridge every 6 months, and the evaporator warranty is extended to 7 years -- parts and labor (available in the USA and Canada only).



**ICE MAKING MACHINE CUBE - MANUAL DISPENSING 200 LB. CAPACITY 24 HOUR PERIOD
PART # ICEU220FA
NSN 4110008376441**



FULL SIZE ICE CUBE

**ICE MAKING MACHINE CUBE
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

Item Dimensions	Height (Inches)	39
	Width (Inches)	24
	Length (Inches)	24
	Cube (Cubic Feet)	13
	Weight	175 lbs
Ship Dimensions	Height (Inches)	
	Width (Inches)	
	Length (Inches)	
	Cube (Cubic Feet)	
	Weight	
Storage Temp		50 to 110 °F
Operating Temp		
Storage Humidity		40 to 60% Non-Condensing
Operating Humidity		40 to 60% Non-Condensing
Amps		11.9
Watts		1368.5
Power Requirements	115 VAC, 60 Hz	
Notes	Operating Water Temperature: 40 to 110 °F Operating Water Pressure: min 20 to max 60 psi	

**ICE MAKING MACHINE CUBE
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Ice-O- Matic	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
4110008376441		Ice Making Machine Cube	ICEU220F A		1	EA	\$1,505.44	\$1,505.44	N/A
NSN Not Required		Literature, Operator/Maintenance	9081264- 01		1	EA	Incl w/NSN 6441	Incl w/NSN 6441	N/A

ICE MAKING MACHINE CUBE

ITEMS FOUND IN THE UNIT ASSEMBLAGE SUPPORTING THIS ITEM

NSN	Notes	Nomenclature	MFR PN Ice-O- Matic	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6640013589325		Bag Plastic Polyethylene Single Wall A4 flat 24"x24" Heat Seal 14lb cap	2424		1	250/PG	\$21.96	\$21.96	N/A

ICE MAKING MACHINE CUBE

ACCESSORIES & CONSUMABLES - RESUPPLY

NSN	Notes	Nomenclature	MFR PN Ice-O- Matic	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6640013589325		Bag Plastic Polyethylene Single Wall A4 flat 24"x24" Heat Seal 14lb cap	2424		1	250/PG	\$21.96	\$21.96	N/A

ICE MAKING MACHINE CUBE

ADDITIONAL NOTE:

Service Manual and Parts/Catalog List can be downloaded at the item's Web link (on first page of Startup).

ICE MAKING MACHINE CUBE

WEB LINKS

Click Below for Installation and Maintenance Manual

<http://www.iceomatic.com/uploadedFiles/Shared_Content/Product_Content/Downloads/Owner,_Instruction_Manuals/ICE%20Install%201108.pdf>

MICROSCOPE OPTICAL LABORATORY

[TOC](#)

MANUFACTURER: NIKON INC.

Manufacturer Model# ECLIPSE 50I-TE-4PA TILT HEAD MIC

Manufacturer's PHONE: (631) 547-8526 FAX: (631) 547-8652

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

Item Web Link:

<http://www.nikoninstruments.com/Products/Microscope-Systems/Upright-Microscopes/Biological/Eclipse-50i>

AAC 'L' ITEM NSN 6650-01-519-8473

UAs: 207A, 213B, 214B, 215B, 263C, 512A, 905C, 912B, 914B, N403, N436, N503, N504, N703, N704

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

UNIT PRICE: \$7,657.01

System Description: A standard laboratory microscope for use in a variety of clinical specialty settings. Includes objectives at the following magnifications: 4X, 10X, 40X, and 100X. The light source (bulb), power cord, and optics are interchangeable with E400 (NSN 6650-01-501-2807.) The body tube contains an access port in back, which is adaptable for use with a camera using "C" mount adapter. Includes case.

Features: Adaptable for:

- High resolution bright field
- Dark field
- EPI-Flourescence
- Phase contrast



**MICROSCOPE OPTICAL LABORATORY GENERAL PURPOSE
PART # Eclipse 50i-TE-4PA Tilt Head Mic
NSN 6650015198473**



**CASE, HARDENED FOR 50I MICROSCOPE
PART # 92403
NSN 6650015557384**

**MICROSCOPE OPTICAL LABORATORY
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

Item Dimensions	Height (Inches)	17
	Width (Inches)	12.7
	Length (Inches)	22
	Cube (Cubic Feet)	2.7487
	Weight	40 lbs
Ship Dimensions	Height (Inches)	26.5
	Width (Inches)	26
	Length (Inches)	25
	Cube (Cubic Feet)	9.9682
	Weight	70 lbs
Storage Temp		Not to exceed 105 °F (40.5 °C)
Operating Temp		50 to 95 °F (10 to 35 °C)
Storage Humidity		< 90% Non-Condensing
Operating Humidity		< 85% Non-Condensing
Amps		9
Watts		148
Power Requirements	110/220 VAC, 50/60 Hz	
Notes		

**MICROSCOPE OPTICAL LABORATORY
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Nikon Inc.	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6650015198473		Microscope Optical Laboratory	Eclipse 50i-TE- 4PA Tilt Head Mic		1	EA	\$7,657.01	\$7,657.01	N/A
6240015429964		Bulb, Halogen	84246		1	EA	Incl w/NSN 8473	Incl w/NSN 8473	N/A
6650015426063		Power Cord, Grounded Three Wire	79035		1	EA	Incl w/NSN 8473	Incl w/NSN 8473	N/A
6650015557384		Case Hardened, shippable, for 50i/55i	92403		1	EA	Incl w/NSN 8473	Incl w/NSN 8473	N/A
NSN Not Required		Literature, Operation			1	EA	Incl w/NSN 8473	Incl w/NSN 8473	N/A

**MICROSCOPE OPTICAL LABORATORY
ITEMS FOUND IN THE UNIT ASSEMBLAGE SUPPORTING THIS ITEM**

NSN	Notes	Nomenclature	MFR PN Nikon Inc.	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
664002999807	IN THE UA	Immersion Oil Microscopy 1 oz bottle	16484		1	BT	\$3.01	\$3.01	48
664004301000		Jar Biological Staining Coplín Glass Soda Lime H5 10 Slides	900470		3	EA	\$30.10	\$90.30	N/A
664004365000		Paper Lens 1 Ream Tissue 11x7.5 inches	664000436 5000		4	500/PG	\$45.88	\$183.52	N/A

**MICROSCOPE OPTICAL LABORATORY
ACCESSORIES & CONSUMABLES - RESUPPLY**

NSN	Notes	Nomenclature	MFR PN Nikon Inc.	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6240015429964		Bulb, Halogen	84246		1	EA	\$14.07	\$14.07	N/A
655001398300		Safranin O Stain Powder Certified Biological Stain 10gm	R-110		1	10GM/ BT	\$40.63	\$40.63	24
6550008901567		Orange G Staining Solution 32oz	HT40132- 1L		1	32 OZ/BT	\$68.92	\$68.92	24
6550012417009		India Ink Stain 0.75ml 50s	3569-26-7		1	50/PG	\$46.28	\$46.28	30
6550013348738		Cytology Fixative 3.5oz Can 12s	AQ109-05		1	12/PG	\$36.86	\$36.86	18
6550013585345		Blueing Solution Alkaline Buffered	2058-8705		1	1gal/B T	\$38.54	\$38.54	36
6550014153831		Crystal Violet Stain Powder 25g	F907-03		1	25g/BT	\$45.13	\$45.13	N/A
6550014645518		Hematoxylin Stain f/Progressive or Regressive	S7729-12		1	1gal/B T	\$156.95	\$156.95	36

ACCESSORIES & CONSUMABLES - RESUPPLY

NSN	Notes	Nomenclature	MFR PN Nikon Inc.	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6550014645542		Cytoplasmic Stain Polychromic Lower Concentration It Green 1 Liter 2s	990166		1	12/PG	\$68.24	\$68.24	24
6550014645548		Cytoplasmic Stain Polychromic 1 Liter 2s	6766001		1	2/PG	\$83.96	\$83.96	24
6550014658793		Kit Differentiation Use f/Bone Marrow Smears FNA's & Parasites	990700		1	EA	\$99.11	\$99.11	6
6550014658808		Hematoxylin Stain G 64oz	65067-85		1	BT	\$127.90	\$127.90	36
6550014665751		Formalin Control Agent Plas Bag Cap of 2.5gl Tissue Waste Formula	F2.5		1	EA	\$54.00	\$54.00	N/A
6550014842018		Stain Kit Dip Quick Used F/Rapid Blood Cell Differential Counts	85966		1	EA	\$74.00	\$74.00	N/A
6550014842037		Stain Urine Sediment	07-802- 4612		1	EA	\$22.73	\$22.73	N/A
6640000744191		Slide Microscope Plain Frosted End 75.4x25mm 72s	3703-2F		1	72/PG	\$36.16	\$36.16	N/A
6640002999807		Immersion Oil Microscopy 1 oz bottle	16484		1	BT	\$3.01	\$3.01	48
6640004089915		Box Microscope Slide Plastic 100 Slide Hinged Cover	03-448-5		1	EA	\$18.96	\$18.96	N/A
6640004223810		Dish Biological Staining 20 Slide w/Cover Tray & Tray Remover	29-6700		1	EA	\$49.92	\$49.92	N/A
6640004223815		Dish Biological Staining Glass D9 Horiz w/o Tray	29-6700-01		1	EA	\$8.67	\$8.67	N/A
6640004223820		Tray Biological Staining Dish Glass 0-300°C f/20 1x3in Slide	DDD431		1	EA	\$53.61	\$53.61	N/A
6640004260300		Forceps Microscope Cover Glass Tweezer 110mm	XX62-000- 06		1	EA	\$9.36	\$9.36	N/A
6640004301000		Jar Biological Staining Coplín Glass Soda Lime H5 10 Slides	900470		3	EA	\$30.10	\$90.30	N/A
6640004361000		Paper Filter Qualitative 250mm Diameter Medium Not Folded 100s	4704H40		1	100/PG	\$17.08	\$17.08	N/A
6640004361500		Paper Filter Qualitative 380mm Diameter Pharmaceutical 100s	4704H60		1	100/PG	\$52.11	\$52.11	N/A
6640004365000		Paper Lens 1 Ream Tissue 11x7.5 inches	664000436 5000		4	500/PG	\$45.88	\$183.52	N/A
6640006180066		Cover Glass Microscope Slide 22mm Square 1 oz.	M6020-2		1	22/PG	\$81.06	\$81.06	N/A
6640006180067		Cover Glass Microscope Slide 22x40mm 1oz	M6045-4		1	30/PG	\$13.51	\$13.51	N/A
6640006841345		Box Microscope Slide Plastic 25	03-448-10		1	EA	\$14.55	\$14.55	N/A
6640009736173		Box Microscope Slide Chipboard 20 slide	3450		1	EA	\$41.44	\$41.44	N/A

ACCESSORIES & CONSUMABLES - RESUPPLY

NSN	Notes	Nomenclature	MFR PN Nikon Inc.	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6640010140053		Slide Microscope Glass 3x1in w/Frosted One Side Cytol 144s	223031		1	144/PG	\$36.89	\$36.89	N/A
6640011191275		Mailing Case Section Microscope Slide Double Slot Chipboard 36s	12-587-16		1	36/PG	\$128.15	\$128.15	N/A
6640011648821		Cabinet Microscope Slide Steel Beige 4500 Slides	C101-TAN		1	EA	\$114.40	\$114.40	N/A
6640013438185		Box Microscope Slide Hinged Cover Holds 3x1in Slides 50 gauge 200s	12-569-35		1	200/PG	\$104.72	\$104.72	N/A
6640013867785		Rack Staining Microscope Tilt/Slide CRS Adjust 18- 36in	S7676		1	EA	\$346.83	\$346.83	N/A
6640014537708		Immersion Oil Microscopy Cargille Design Type B 4 oz	2033-00		1	BT	\$11.46	\$11.46	N/A
6640014538567		Jar Biological Staining 4.5x2.3IN Used in Staining Specimens	2005-10		1	EA	\$14.29	\$14.29	N/A
6640014571912		Slide Microscope Superfrost 75x25mm 1mm Thick	12-544-7		1	144/PG	\$38.65	\$38.65	N/A
6640014673627		Slide Folder, 20 Slide 72s	2615		1	72/BX	\$928.00	\$928.00	N/A
6640014690806		Mailer Microscope Slide Plastic 83 x 29 x 15 MM Holds 5 Slides	6105A		1	EA	\$15.60	\$15.60	N/A
6645012751372		Timer Interval Electrical 0.1sec-10hrs Capacity	06-662-5		1	EA	\$54.50	\$54.50	N/A
6650009354247		Shield Optical Microscope Vinyl 16x20" Collapsible	410801		1	EA	\$72.38	\$72.38	N/A
6650015426063		Power Cord, Grounded Three Wire	79035		1	EA	\$10.89	\$10.89	N/A
6650015557384		Case Hardened, shippable, for 50i/55i	92403		1	EA	\$775.00	\$775.00	N/A

MICROSCOPE OPTICAL LABORATORY 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

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>](http://www.AcuTemp.com)

Item Web Link:

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

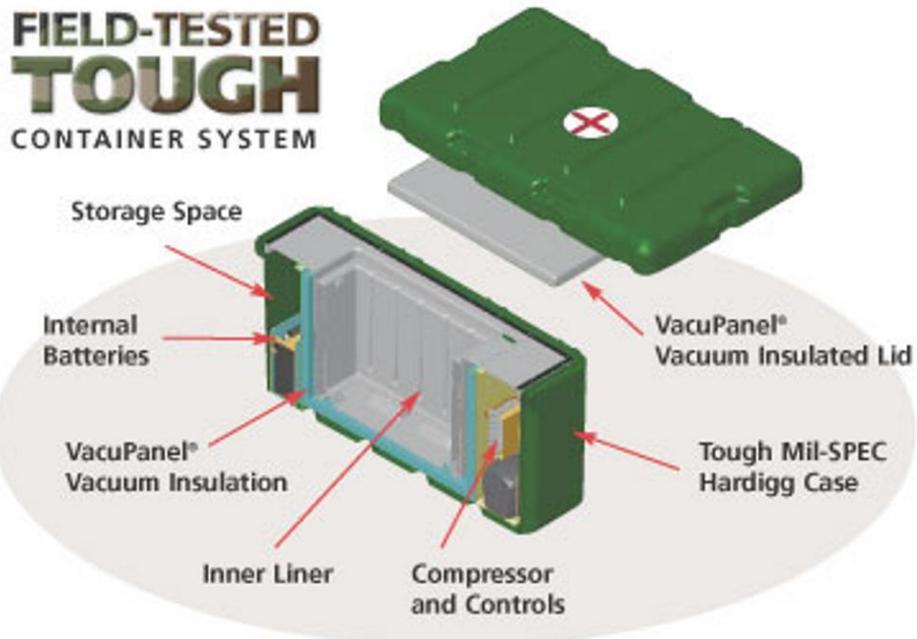
 - Rugged, military specs design for demanding applications
 - Easily transportable
 - Eliminates ingress of water and dirt
 - Will not fail under the duress of military transportation

 - 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



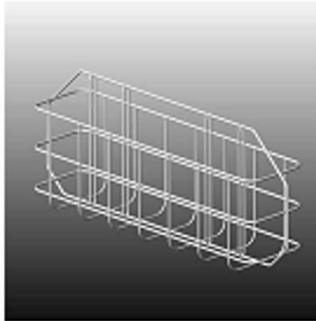
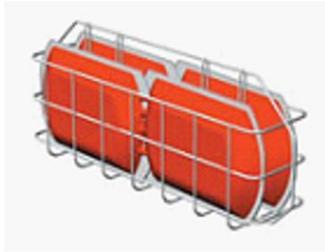
REFRIGERATOR SOLID STATE BIO DIAGRAM



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**

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

**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>

SINK UNIT SURGICAL SCRUB

[TOC](#)

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**

Item Dimensions	Height (Inches)	0
	Width (Inches)	0
	Length (Inches)	0
	Cube (Cubic Feet)	0
	Weight	50 lbs
Ship Dimensions	Height (Inches)	12.5
	Width (Inches)	22.4
	Length (Inches)	25.3
	Cube (Cubic Feet)	4.0995
	Weight	104 lbs
Storage Temp		34 to 140 °F
Operating Temp		34 to 113 °F
Storage Humidity		5 to 95% Non-condensing
Operating Humidity		5 to 95% Non-condensing
Amps		12
Watts		1380
Power Requirements	115/230 VAC, 50/60 Hz	
Notes		

**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

THAWING SYSTEM PLASMA CRS RAPID THAW

[TOC](#)

MANUFACTURER: HELMER

Manufacturer Model# DH4

Manufacturer's PHONE: (317) 773-9073 FAX: (317) 773-9082

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

Item Web Link:

<http://www.helmerinc.com/QuickThawDH4.aspx>

AAC 'L' ITEM NSN 6640-01-571-1389

UAs: 267C, N504, N704

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

UNIT PRICE: \$6,454.95

System Description: The QuickThaw DH4 uses both controlled temperature and agitation to substantially reduce thaw times while ensuring the safety of your plasma. It is convenient and easy to operate, allowing you to load, program, and walk away. The compact size of the DH4 conserves space on your benchtop while allowing you to thaw up to 4 bags of plasma.

- Features:**
- Rapid Thaw Times
 - Baskets agitate plasma units in 36.5°C water for optimal heat transfer and rapid, safe thawing
 - Direct heat is added continually by the electronically controlled Instant Response system
 - Thaw less plasma in advance and reduce unused plasma
 - Start new cycle immediately after cycle completion
 - Microprocessor temperature controller with audible and visual high temperature alarm
 - Independent controls and LED display for each basket
 - Cycles can be interrupted to check units or add more plasma
 - Reduces the amount of plasma that must be thawed in advance
 - Superior Construction
 - Polished stainless steel tank and baskets
 - Bacteria-resistant powder coated exterior
 - Chamber volume and high capacity heater enhance heat transfer efficiencies for faster thawing
 - Quick connect drain system efficiently empties the chamber for easy cleanup
 - Large opening for easy cleaning
 - Overwrap Protection
 - Most convenient method of protecting plasma during thawing
 - Disposable overwraps provide long term security



**THAWING SYSTEM PLASMA CRS RAPID THAW
PART # DH4
NSN 6640015711389**



PLASMA RACKS IN THAWING SYSTEM



STAINLESS STEEL TANK

**THAWING SYSTEM PLASMA CRS RAPID THAW
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

Item Dimensions	Height (Inches)	23
	Width (Inches)	15.5
	Length (Inches)	21.75
	Cube (Cubic Feet)	4.4872
	Weight	58 lbs
Ship Dimensions	Height (Inches)	0
	Width (Inches)	0
	Length (Inches)	0
	Cube (Cubic Feet)	0
	Weight	
Storage Temp		
Operating Temp		41 to 91.4 °F
Storage Humidity		
Operating Humidity		80% up to 87.8°F decreasing linearly to 50%
Amps		6
Watts		690
Power Requirements	115 VAC, 50/60 Hz	
Notes	Thawing Capacity	4 bags
	Chamber Volume	4.75 gal
	Chamber Materiel	Stainless Steel
	Baskets	Stainless Steel
	Chamber Drain Time	3 minutes
	Chamber Dimensions	15.5"W x 11"H x 7.5"D

**THAWING SYSTEM PLASMA CRS RAPID THAW
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Helmer	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6640015711389		Thawing System Plasma CRS Rapid Thaw	DH4		1	EA	\$6,454.95	\$6,454.95	N/A
6515015113624	See Additional Note Below	Bags Plasma Over Wrap Std Size for DH4 1000s	400273-1		1	250/PG	Incl w/NSN 1389	Incl w/NSN 1389	N/A
6640015574062		Drain Tubing	320515-1		1	EA	Incl w/NSN 1389	Incl w/NSN 1389	N/A
6640015574258		Power Cord	120155		1	EA	Incl w/NSN 1389	Incl w/NSN 1389	N/A
6640015574709		Drain Coupling	220233		1	EA	Incl w/NSN 1389	Incl w/NSN 1389	N/A
NSN Not Required		Literature Maintenance	360097-1		1	EA	Incl w/NSN 1389	Incl w/NSN 1389	N/A
NSN Not Required		Literature Operator	360008-1		1	EA	Incl w/NSN 1389	Incl w/NSN 1389	N/A

**THAWING SYSTEM PLASMA CRS RAPID THAW
ACCESSORIES & CONSUMABLES - RESUPPLY**

NSN	Notes	Nomenclature	MFR PN Helmer	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6515015113624	See Additional Note Below	Bags Plasma Over Wrap Std Size for DH4 1000s	400273-1		1	1000/P G	\$106.00	\$106.00	N/A
6640015574062		Drain Tubing	320515-1		1	EA	\$13.28	\$13.28	N/A
6640015574258		Power Cord	120155		1	EA	\$16.52	\$16.52	N/A
6640015574709		Drain Coupling	220233		1	EA	\$29.07	\$29.07	N/A
NSN Not Required		Literature Maintenance	360097-1		1	EA	\$0.00	\$0.00	N/A
NSN Not Required		Literature Operator	360008-1		1	EA	\$0.00	\$0.00	N/A

**THAWING SYSTEM PLASMA CRS RAPID THAW
ADDITIONAL NOTE:**

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

VIEWER AGGLUTINATION TEST TUBE

TOC

MANUFACTURER: BECTON DICKINSON AND COMP

Manufacturer Model# 420630

Manufacturer's PHONE: (410) 316-4000 FAX: (410) 316-4732

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

AAC 'L' ITEM NSN 6640-01-193-5035

UAs: 263C, 504B, N504, N704

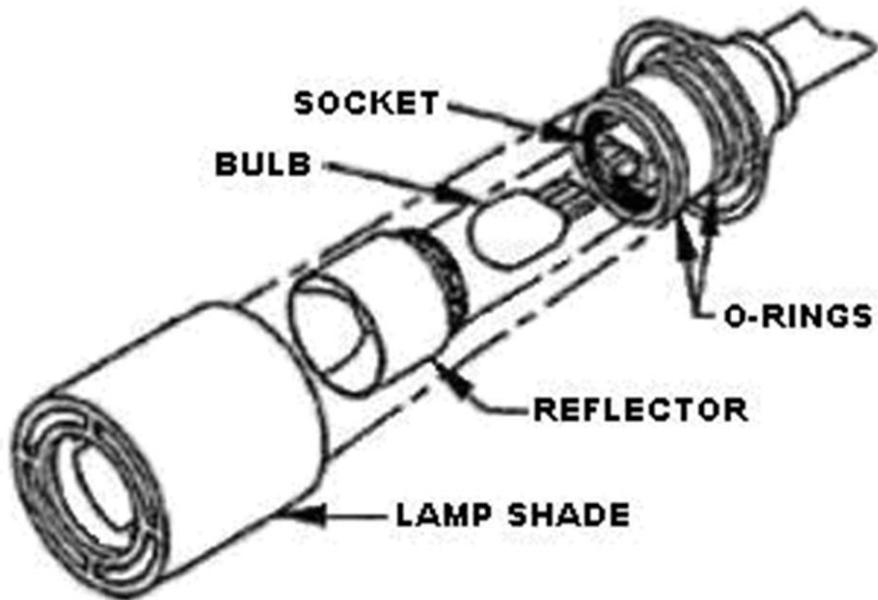
USAMMA POC: Customer Relations Management 301-619-1288/4301 - DSN 343-1288/4301

UNIT PRICE: \$533.00

System Description: Use this test tube viewer for blood typing, cross matching, prothrombin time, Kahn and other agglutinations, flocculation and serodiagnostic tests. Viewer provides a magnified view of the undersurface of test tube contents and permits an easier and more accurate reading than a magnifying lens. Test tube contents are illuminated from above by a 5 watt bulb and from below by a magnifying mirror. Complete with bulb and magnifying mirror. (Positions of both lamp and mirror are adjustable.)



VIEWER AGGLUTINATION TEST TUBE FOR BLOOD TYPING 25 WATT BULB
PART # 420630
NSN 6640011935035



VIEWER AGGLUTINATION TEST TUBE - 25 WATT BULB
PART # 421484

**VIEWER AGGLUTINATION TEST TUBE
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

Item Dimensions	Height (Inches)	14
	Width (Inches)	4.5
	Length (Inches)	7
	Cube (Cubic Feet)	0.2552
	Weight	2.5 lbs.
Ship Dimensions	Height (Inches)	5.6
	Width (Inches)	8.25
	Length (Inches)	9.45
	Cube (Cubic Feet)	0.25
	Weight	3.22 lbs.
Storage Temp	-4° F to 149° F	
Operating Temp	64.4° F to 91.4° F	
Storage Humidity	20% to 85% Non-Condensing	
Operating Humidity	20% to 85% Non-Condensing	
Amps	500 mA	
Watts	6	
Power Requirements	12 VAC 50/60 Hz	
Notes		

**VIEWER AGGLUTINATION TEST TUBE
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Becton Dickinson and Comp	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6640011935035		Viewer Agglutination Test Tube	420630		1	EA	\$533.00	\$533.00	N/A
		Power Pack	421486		1	EA	Incl w/NSN 5035	Incl w/NSN 5035	N/A
6240014866247		Bulb 115V, 5W	421484		1	EA	Incl w/NSN 5035	Incl w/NSN 5035	N/A
6515015085992		Mirror Assembly	421485		1	EA	Incl w/NSN 5035	Incl w/NSN 5035	N/A
NSN Not Required		Operating Instructions /Maintenance & Service Manual 2 Page Folded Document	MA-0129- A		1	EA	Incl w/NSN 5035	Incl w/NSN 5035	N/A

**VIEWER AGGLUTINATION TEST TUBE
ACCESSORIES & CONSUMABLES - RESUPPLY**

NSN	Notes	Nomenclature	MFR PN Becton Dickinson and Comp	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6240014866247		Bulb 115V, 5W	421484		1	2/PG	\$27.05	\$27.05	N/A
6515015085992		Mirror Assembly	421485		1	EA	\$117.75	\$117.75	N/A

VIEWER AGGLUTINATION TEST TUBE

ADDITIONAL NOTE:

Power pack and operating/service manuals can not be ordered separately but supplied with Agglutination Viewer.

