MEDICAL MATERIEL SET - PHARMACY

Support and Consumables Handbook

6545-01-526-5128
UA N306
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REVISED

January 2013

U.S. Army Medical Materiel Agency

The information contained in this manual was prepared by the

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Acquisition Information Division
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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

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Please provide all comments at the website link listed below.
https://ice.disa.mil/index.cfm?fa=card&site_id=750&service_provider_id=102377
Select: EQUIPMENT PUBLICATIONS BUTTON AT TOP OF FORM

COUNTER TABLET AUTOMATIC

TOC

DISTRIBUTOR: AMERISOURCE BERGEN
MANUFACTURER: KIRBY LESTER
Distributor Model# KL15DF
Manufacturer Model# KL15DF
Distributor's PHONE: (847) 495-6685 FAX: (847) 808-3322
Manufacturer's PHONE: (203) 323-1499 FAX:
Distributor's Website: <http://www.AmerisourceBergen.com>
Manufacturer's Website: <http://www.kirbylester.com>

Item Web Link:
<http://www.kirbylester.com/pharmacy-products-KL15df.htm>

AAC 'J' ITEM NSN 6515-01-508-9046

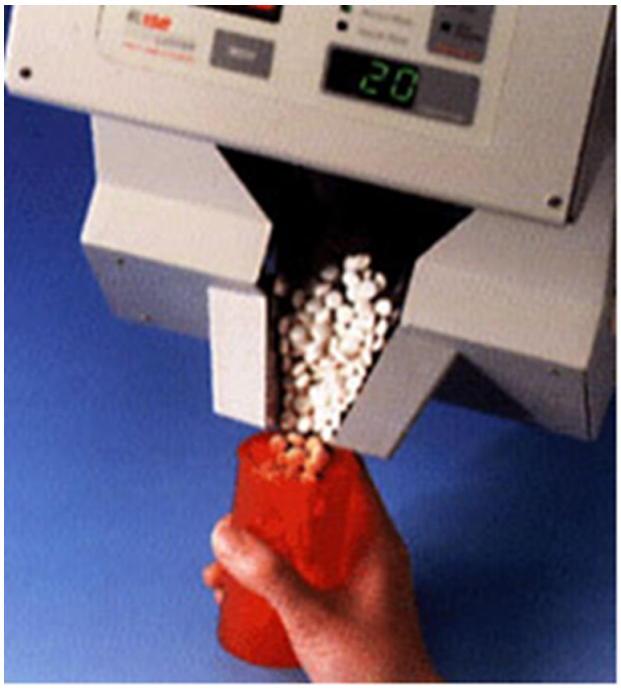
UAs: N306, P506, P706

USAMMA POC: Customer Relations Management 301-619-1288/4301 - DSN 343-1288/4301
UNIT PRICE: $5,242.38

System Description: This automatic counter transfers tablets and capsules directly into the final container. It counts the average prescription and feeds it into a vial in less than 4 seconds. The counting technology used guarantees the most accurate counting available in any automatic system.

Features: Accuracy: 99.97% (less than 3 errors in 10,000 tablets)
Maximum count: 500 tablets or capsules or 85 drams
Maximum throughput: 1,500 parts per minute
Maximum size counted: not applicable. Counts the largest known tablets and capsules

COUNTER TABLET AUTOMATIC
PART # KL15df
NSN 6515015089046



COUNTER TABLET AUTOMATIC DEMONSTRATED USE
PART # KL15df
NSN 6515015089046

COUNTER TABLET AUTOMATIC
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS

Item Dimensions	**Height (Inches)**	**19.5**
	Width (Inches)	**9**
	Length (Inches)	**17**
	Cube (Cubic Feet)	**1.7266**
	Weight	**21 lbs**
Ship Dimensions	**Height (Inches)**	
	Width (Inches)	
	Length (Inches)	
	Cube (Cubic Feet)	
	Weight	
Storage Temp		
Operating Temp		
Storage Humidity		
Operating Humidity		
Amps		**6**
Watts		**690**
Power Requirements	**115 VAC, 60 Hz for US & Canada, 220 VAC, 50 Hz for overseas**	
Notes		

COUNTER TABLET AUTOMATIC
ACCESSORIES & CONSUMABLES - STARTUP

NSN	Notes	Nomenclature	MFR PN Kirby Lester	DIST PN Amerisource Bergen	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6515015089046		Counter Tablet Automatic	KL15df	KL15df	1	EA	$5,242.38	$5,242.38	N/A
	Awaiting NSN	Channel Bottom	8CAI-0315		1	EA	Incl w/NSN 9046	Incl w/NSN 9046	N/A
	Awaiting NSN	Channel Top	D8AI-0305-A		1	EA	Incl w/NSN 9046	Incl w/NSN 9046	N/A
	Awaiting NSN	Funnel	D8AM-4001-A		1	EA	Incl w/NSN 9046	Incl w/NSN 9046	N/A
NSN Not Required		Literature Operation			1	EA	Incl w/NSN 9046	Incl w/NSN 9046	N/A

COUNTER TABLET AUTOMATIC
ACCESSORIES & CONSUMABLES - RESUPPLY

NSN	Notes	Nomenclature	MFR PN Kirby Lester	DIST PN Amerisource Bergen	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
	Awaiting NSN	Channel Bottom	8CAI-0315		1	EA	$45.00	$45.00	N/A
	Awaiting NSN	Channel Top	D8AI-0305-A		1	EA	$25.00	$25.00	N/A
	Awaiting NSN	Funnel	D8AM-4001-A		1	EA	$90.00	$90.00	N/A

HOOD LAMINAR FLOW LAB

TOC

MANUFACTURER: GERMFREE LABORATORIES INC.
Manufacturer Model# BZ4SS-RX
Manufacturer's PHONE: (386) 677-7742 FAX: (386) 677-2651
Manufacturer's Website: <http://www.germfree.com>

Item Web Link:
<http://www.germfree.com/product-lines/pharmacy-equipment/laminar-airflow-workstations/bz-series/>

AAC 'J' ITEM NSN 6640-01-493-8582

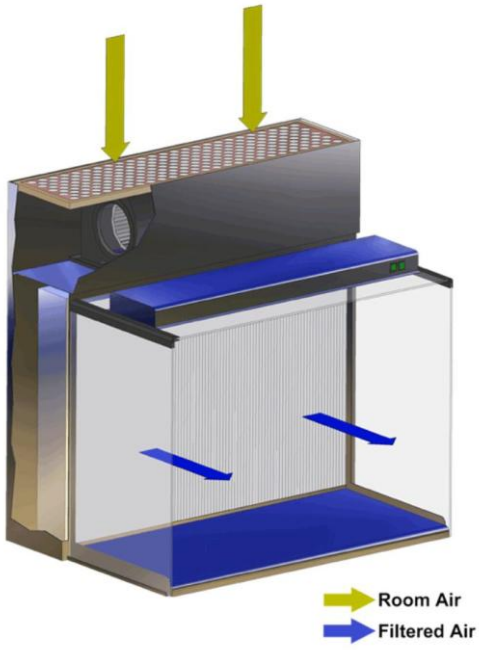
UAs: N306, P506, P706

USAMMA POC: Customer Relations Management 301-619-1288/4301 - DSN 343-1288/4301
UNIT PRICE: $8,148.27

System Description: The Horizontal Laminar Flow (BZ) Series Hood is designed for the handling of materials in a sterile working environment. The work area is continuously bathed with positive pressure ISO 5/ Class 100 horizontal laminar flow air that has passed through a High Efficiency Particulate Air (HEPA) filter. This filter removes organisms and particulates 0.3 micron in size with an efficiency of 99.99%. The laminar flow principle consists of moving individual streams of unidirectional, ultra-clean air along parallel lines with minimal turbulence. The HEPA filter is positioned in the rear of the work area and is protected by a removable, perforated metal diffuser. The BZ is constructed of quality all-welded stainless steel with a pharmaceutical grade finish. The fluorescent light housing is externally mounted to provide optimum lighting into the work area. The acrylic top and side panels allow for additional ambient light and visibility into the work area. Our SpillGuard feature is utilized in the rear and sides of the full-width work area. The CurveFlex forearm support feature provides operator comfort.

Features:
- Outer cabinet and work surface are welded stainless steel with a pharmaceutical grade finish
- High capacity motor/blower system with speed control to extend HEPA filter life
- Top mounted pre-filters are easily changed
- HEPA filter is full width and height (36”), ensuring unidirectional airflow and is easily changed from both sides
- Top mounted fluorescent lighting is isolated from the clean environment
- IV hanging bar with 12 hooks in work area
- Separate lighted power ON/OFF indicator switches for blower and lighting
- Electrical is 115Volt, 60 Hz (220/50-60 Hz also available)
- Ten foot power cord with molded grounded plug

HOOD LAMINAR FLOW LAB
PART # BZ4SS-RX
NSN 6640014938582



LAMINAR HOOD AIR FLOW DIAGRAM

HOOD LAMINAR FLOW LAB
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS

Item Dimensions	**Height (Inches)**	**49.5**
	Width (Inches)	**49**
	Length (Inches)	**34**
	Cube (Cubic Feet)	**47.724**
	Weight	**425 lbs**
Ship Dimensions	**Height (Inches)**	**60**
	Width (Inches)	**58**
	Length (Inches)	**41**
	Cube (Cubic Feet)	**82.5694**
	Weight	**515 lbs**
Storage Temp		
Operating Temp		
Storage Humidity		
Operating Humidity		
Amps		**12**
Watts		**1380**
Power Requirements	**115 VAC, 60 Hz**	
Notes		

HOOD LAMINAR FLOW LAB
ACCESSORIES & CONSUMABLES - STARTUP

NSN	Notes	Nomenclature	MFR PN GermFree Laboratories Inc.	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6640014938582		Hood Laminar Flow Lab	BZ4SS-RX		1	EA	$8,148.27	$8,148.27	N/A
6640015757759		BZ-4 HEPA Filter (36”x48”x6”)	BZ-HF4		1	EA	Incl w/NSN 8582	Incl w/NSN 8582	N/A
6640015772078		Stand, Manually Adjustable	BZ-A8BX		1	EA	Incl w/NSN 8582	Incl w/NSN 8582	N/A
6640015772669		BZ-4 Prefilter (48.25”x12.25”x1”)	BZ-PF4		4	EA	Incl w/NSN 8582	Incl w/NSN 8582	N/A
7610045437003		Operation Manual	BZ-Manual		1	EA	Incl w/NSN 8582	Incl w/NSN 8582	N/A
NSN Not Required		Casters, Stand	BZ-A11		4	EA	Incl w/NSN 8582	Incl w/NSN 8582	N/A

HOOD LAMINAR FLOW LAB
ACCESSORIES & CONSUMABLES - RESUPPLY

NSN	Notes	Nomenclature	MFR PN GermFree Laboratories Inc.	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6640015757759		BZ-4 HEPA Filter (36”x48”x6”)	BZ-HF4		1	EA	$455.00	$455.00	N/A
6640015772669		BZ-4 Prefilter (48.25”x12.25”x1”)	BZ-PF4		1	EA	$125.00	$125.00	N/A

HOOD LAMINAR FLOW LAB
WEB LINKS

Click Below for Instruction Manual

<http://97.74.181.168/downloads/manuals/BZ._Seriespdf.pdf>

REFRIGERATOR-FREEZER

TOC

MANUFACTURER: NORTHLAND-MARVEL
Manufacturer Model# 6CRF0610
Manufacturer's PHONE: (616) 754-5601 FAX: (616) 754-0970
Manufacturer's Website: <www.marvelscientific.com>

Item Web Link:
<http://www.marvelscientific.com/prod-combo.php>

AAC 'L' ITEM NSN 4110-01-425-8009

UAs: 263C, 273A, 623A, 905C, 912B, 913B, 914B, N306, N413, N503, N513, N703, N713, N725, P308, P309, P310, P506, P706, P783

USAMMA POC: Customer Relations Management 301-619-1288/4301 - DSN 343-1288/4301
UNIT PRICE: $2,219.18

System Description: Six cubic foot under counter refrigerator/freezer fits easily under lab benches and casework.

Features: Forced air ventilation eliminates need for clearance space in built-in applications. Manual defrost, 5.3 cubic foot refrigerator capacity and 0.7 cubic foot freezer capacity. Dual voltage capable, carrying handles and olive drab paint scheme.

REFRIGERATOR-FREEZER MECHANICAL FIELD WARD
PART # 6CRF0610
NSN 4110014258009

REFRIGERATOR-FREEZER
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS

Item Dimensions	**Height (Inches)**	**35.5**
	Width (Inches)	**24.75**
	Length (Inches)	**25.5**
	Cube (Cubic Feet)	**12.9658**
	Weight	**120 lbs**
Ship Dimensions	**Height (Inches)**	**35.5**
	Width (Inches)	**24.75**
	Length (Inches)	**25.5**
	Cube (Cubic Feet)	**12.9658**
	Weight	**120 lbs**
Storage Temp		
Operating Temp		
Storage Humidity		
Operating Humidity		
Amps		**2.66**
Watts		**320 Normal - 1200 Surge**
Power Requirements	**120/220 VAC, 50/60 Hz**	
Notes	**Uses R-134A Refrigerant**	

REFRIGERATOR-FREEZER
ACCESSORIES & CONSUMABLES - STARTUP

NSN	Notes	Nomenclature	MFR PN Northland-Marvel	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
4110014258009		Refrigerator-Freezer	6CRF0610		1	EA	$2,219.18	$2,219.18	N/A
NSN Not Required		Literature, Operator	41011992		1	EA	Incl w/NSN 8009	Incl w/NSN 8009	N/A

REFRIGERATOR-FREEZER
ACCESSORIES & CONSUMABLES

NO RESUPPLY ITEMS

SHELTER, TACTICAL EXPANDABLE ONE-SIDED

TOC

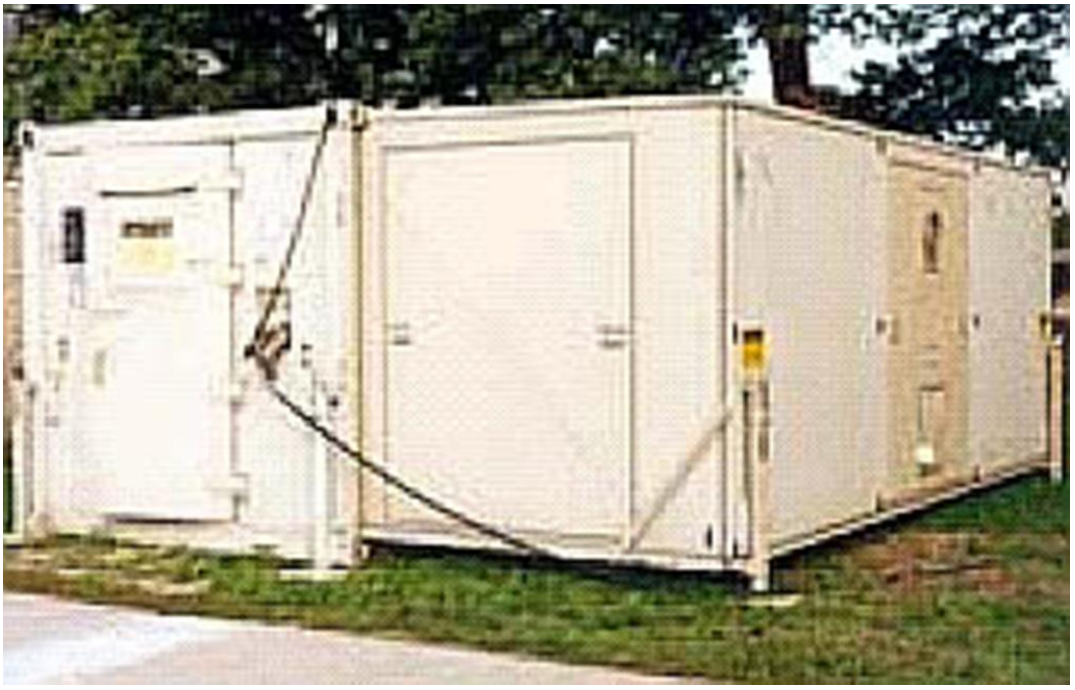
MANUFACTURER: U.S. ARMY NATICK
Manufacturer Model# 5-4-2828
Manufacturer's PHONE: (508) 233-4001 FAX: (508) 233-5065

AAC 'J' ITEM NSN 5411-01-124-1377

UAs: N306, P706

USAMMA POC: Customer Relations Management 301-619-1288/4301 - DSN 343-1288/4301
UNIT PRICE: $176,141.00

System Description: Army ISO shelters are compatible with military and commercial handling equipment and can be transported by all modes of transportation including cargo container ships, C-130, C-141, C-5A and C-17 military aircraft, trucks, trailers and the M1022A1 ISO Dolly Set. These shelters are comprised of individual replaceable panels that are either bolted or hinged into place. These panels are fabricated by hot bonding aluminum skins to resin impregnated paper honeycomb core material. Each ISO shelter is wired for three phase electrical distribution and is integrated with internal fluorescent lights, 120 VAC, 20 amp electrical outlets, an external area light, and an interface for external environmental control units. Each shelter is also equipped with leveling jacks and can be erected in the field by four people in less than thirty minutes without any special tools. Complexing capability with 58" × 77" knockout panels is available for One-Side and Two-Side Expandable ISO shelters.



SHELTER, TACTICAL EXPANDABLE ONE-SIDED
PART # 5-4-2827
NSN 5411011241377

SHELTER, TACTICAL EXPANDABLE ONE-SIDED
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS

Item Dimensions	**Height (Inches)**	**96**
	Width (Inches)	**96**
	Length (Inches)	**239**
	Cube (Cubic Feet)	**1274.6667**
	Weight	**5,400 lbs**
Ship Dimensions	**Height (Inches)**	
	Width (Inches)	
	Length (Inches)	
	Cube (Cubic Feet)	**864**
	Weight	
Storage Temp		
Operating Temp		
Storage Humidity		
Operating Humidity		
Amps		**60**
Watts		**7200**
Power Requirements	**120/208 VAC, 50/60 Hz**	
Notes	**Payload Weight: 9,600 lbs** **Max Floor Load: 65 lbs/ft²** **Max Ceiling Load: 40 lbs/ft²** **Interior (Transport Mode): 19 ft 1 in L by 7 ft W by 7 ft 1 in H** **Interior (Expanded): 18 ft 4 in L by 14 ft 6 in W by 7 ft 1 in H**	

SHELTER, TACTICAL EXPANDABLE ONE-SIDED
ACCESSORIES & CONSUMABLES - STARTUP

NSN	Notes	Nomenclature	MFR PN U.S. Army Natick	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
5411011241377		Shelter, Tactical Expandable One-Sided	5-4-2828		1	EA	$176,141.00	$176,141.00	N/A
6150012474781	Included with MTOE	50ft Cable 4 Wire w/Connectors	13226E7023		1	EA	Incl w/NSN 1377	Incl w/NSN 1377	N/A
6150012566301	Included with MTOE	4 Wire Pig Tale w/Ground	13226E7019		1	EA	Incl w/NSN 1377	Incl w/NSN 1377	N/A

SHELTER, TACTICAL EXPANDABLE ONE-SIDED
ACCESSORIES & CONSUMABLES - RESUPPLY

NSN	Notes	Nomenclature	MFR PN U.S. Army Natick	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6150012474781	Included with MTOE	50ft Cable 4 Wire w/Connectors	13226E7023		1	EA	$683.81	$683.81	N/A
6150012566301	Included with MTOE	4 Wire Pig Tale w/Ground	13226E7019		1	EA	$287.00	$287.00	N/A

SINK UNIT SCRUB FIELD

TOC

MANUFACTURER: FISHER HAMILTON LLC
Manufacturer Model# 950S936
Manufacturer's PHONE: (800) 826-1166 FAX: (412) 490-8304
Manufacturer's Website: <http://www.fishersci.com>

AAC 'J' ITEM NSN 6530-01-308-7740

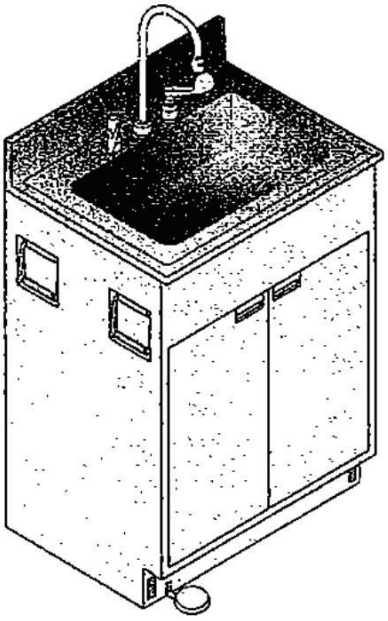
UAs: N305, N306, N432, N703, N704, P302, P433, P706

USAMMA POC: Customer Relations Management 301-619-1288/4301 - DSN 343-1288/4301
UNIT PRICE: $4,753.28

System Description: This sink supplies hot and cold water and is mounted on four detachable casters. It is a self contained sink with a tankless electric water heater and pump.

Features:
- Removable faucet with a gooseneck spout
- Paddle shaped handles to control the water flow
- Foot activated, externally mounted soap dispenser
- Two recessed carrying handles on each side
- Two doors
- A 10-foot water supply hose with auto shut-off and quick disconnect couplings
- Water temperature adjustable from 100˚F to 145˚F
- Corrosion-resistant steel (CRS) top and sink

SINK UNIT SCRUB FIELD HOSPITAL CRS 30 INCHES
PART # 950S936
NSN 6530013087740



- Self-contained sink base cabinet is 30" wide X 22-5/8" deep X 36-1/2" high
- Includes 24" X 14" X 12" stainless steel X-Ray sink, self-contained pump and heater, foot operated soap dispenser.
- 4" casters

SINK UNIT SCRUB FIELD
PART # 950S936

SINK UNIT SCRUB FIELD
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS

Item Dimensions	**Height (Inches)**	**36.5**
	Width (Inches)	**30**
	Length (Inches)	**22.625**
	Cube (Cubic Feet)	**14.337**
	Weight	**335 lbs**
Ship Dimensions	**Height (Inches)**	
	Width (Inches)	
	Length (Inches)	
	Cube (Cubic Feet)	
	Weight	
Storage Temp		
Operating Temp		
Storage Humidity		
Operating Humidity		
Amps		**38**
Watts		**9000**
Power Requirements	**120/230 VAC, 50/60Hz**	
Notes		

SINK UNIT SCRUB FIELD
ACCESSORIES & CONSUMABLES - STARTUP

NSN	Notes	Nomenclature	MFR PN Fisher Hamilton LLC	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6530013087740		Sink Unit Scrub Field	950S936		1	EA	$4,753.28	$4,753.28	N/A

SINK UNIT SCRUB FIELD
ACCESSORIES & CONSUMABLES

NO RESUPPLY ITEMS

SINK UNIT SCRUB FIELD
ADDITIONAL NOTE:

To order Operator and Maintenance Literature for this sink, please refer to the USAMMA Medical Equipment Literature Web page (http://www.usamma.army.mil/med_equip_lit_cdroms.cfm); click on "Order the CD-ROM here," fill in the requested information, and select "Operator & Maintenance Literature for Medical Equipment - Discs 3 & 4"