



**ENTOMOLOGICAL  
COLLECTING KIT  
FIELD**

**Support and Consumables  
Handbook**

**6545-00-982-4121**

**UA 7124**

**LIN H10793**

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



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

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

**To report inaccuracies or additions, please contact:**

**Customer Relations Management**

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

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

**Responses may also be mailed to:**

**Commander**

**U.S. Army Medical Materiel Agency (USAMMA)**

**MCMR-MMO-OC**

**693 Neiman Street**

**Fort Detrick, MD 21702-5001**

**For additional equipment item information, visit the  
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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)**

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## MICROSCOPE SET STEREOSCOPE LEICA S4

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**DISTRIBUTOR: I. MILLER PREC OPTICAL INST**

**MANUFACTURER: LEICA MICROSYSTEMS**

**Manufacturer Model# S4E-GL2C**

**Distributor's PHONE: (215) 925-2285 FAX: (215) 925-8374**

**Manufacturer's PHONE: (847) 405-0123 FAX: (847) 405-0164**

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

**Manufacturer's Website: <http://www.leica-microsystems.com>**

### **Item Web Link:**

<http://www.leica-microsystems.com/products/stereo-microscopes-microscopes/routine-manual/details/product/leica-s4-e/>

**AAC 'J' ITEM NSN 6650-01-556-0738**

**UA's: 124A, 215B, 914B**

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

**UNIT PRICE: \$2,287.41**

**System Description:** This is a microscope for routine inspections that offers high quality optics, robust and reliable mechanics, and comfortable user interfaces. The instrument has a flat (planar) field of view which is the largest (36.5mm) in its class. The Leica also offers a long working distance (110mm) and clear, sharp images. The microscope comes with 1 ergonomic eyepiece for eyeglasses and a double gooseneck flexible light guide with focusing lenses. Shipped in a custom carrying case.

- Features:**
- 4.8:1 zoom
  - Ergonomic 38° viewing angle
  - Working distance of 110 mm
  - 6.3x – 30x magnification
  - Field of view diameter 36.5 mm
  - ESD (electro static discharge) safe construction (antistatic)



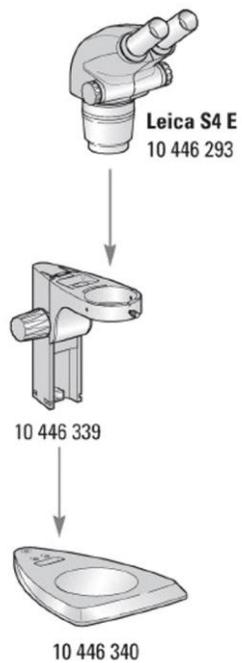
**MICROSCOPE SET STEREOSCOPE LEICA S4**  
**PART # S4E-GL2C**  
**NSN 6650015560738**  
**Shown in Case**



**DOUBLE GOOSENECK FLEXIBLE LIGHT GUIDE**  
**PART # 10446389**  
**NSN 6650015694446**



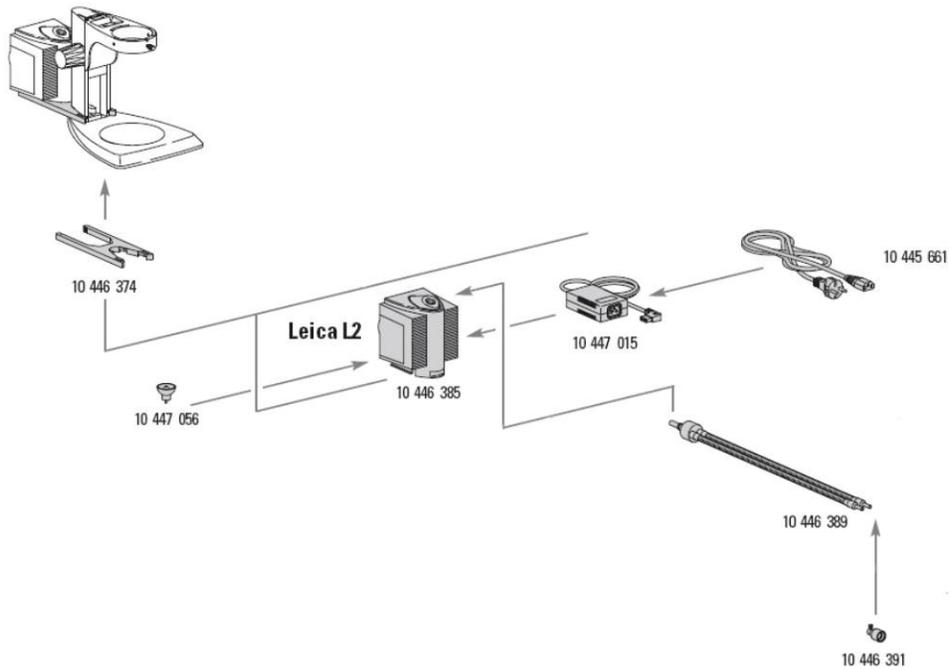
**CUSTOM CARRYING CASE  
PART # 2750  
NSN 6650015695575**



**COLUMN & POD EXPLODED  
PART # 10446339 & 10446293**



**BASE, L2 LIGHT SOURCE  
PART # 10446385  
NSN 6650015243333**



**BASE, L2 LIGHT SOURCE PLUS MORE PARTS EXPLODED**

**MICROSCOPE SET STEREOSCOPE LEICA S4  
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

<b>Item Dimensions</b>	<b>Height (Inches)</b>	<b>14</b>
	<b>Width (Inches)</b>	<b>8</b>
	<b>Length (Inches)</b>	<b>11</b>
	<b>Cube (Cubic Feet)</b>	<b>0.713</b>
	<b>Weight</b>	<b>11 Lbs</b>
<b>Ship Dimensions</b>	<b>Height (Inches)</b>	
	<b>Width (Inches)</b>	
	<b>Length (Inches)</b>	
	<b>Cube (Cubic Feet)</b>	
	<b>Weight</b>	
<b>Storage Temp</b>		
<b>Operating Temp</b>		
<b>Storage Humidity</b>		
<b>Operating Humidity</b>		
<b>Amps</b>		<b>0.1666</b>
<b>Watts</b>		<b>20</b>
<b>Power Requirements</b>	<b>120 VAC 60 Hz</b>	
<b>Notes</b>		

**MICROSCOPE SET STEREOSCOPE LEICA S4  
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Leica Microsystems	DIST PN I. Miller Prec Optical Inst	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6650015560738		Microscope Set StereoSCOPE Leica S4	S4E-GL2C		1	EA	\$2,287.41	\$2,287.41	N/A
	<b>See Resupply for NSN</b>	Focusing Lens	10446391		2	EA	Incl w/NSN 0738	Incl w/NSN 0738	N/A
6650015243333		Light Source L2	10446385		1	EA	Incl w/NSN 0738	Incl w/NSN 0738	N/A
6650015691514		Base	10446340		1	EA	Incl w/NSN 0738	Incl w/NSN 0738	N/A
6650015693286		Bulb	10447056		1	EA	Incl w/NSN 0738	Incl w/NSN 0738	N/A
6650015694446		Light Guide Double Gooseneck	10446389		1	EA	Incl w/NSN 0738	Incl w/NSN 0738	N/A
6650015694597		Eyepiece Widefield, 10x/23	10447137		2	EA	Incl w/NSN 0738	Incl w/NSN 0738	N/A
6650015695575		Case Custom Fitted Carrying	2750		1	EA	Incl w/NSN 0738	Incl w/NSN 0738	N/A
6650015705388		Adapter L2	10446374		1	EA	Incl w/NSN 0738	Incl w/NSN 0738	N/A
6650015707148		Focusing Column	10446339		1	EA	Incl w/NSN 0738	Incl w/NSN 0738	N/A
6650015708971		Leica S4E Stereozoom Microscope Pod	10446293		1	EA	Incl w/NSN 0738	Incl w/NSN 0738	N/A
6650015708984		Power Supply	10447015		1	EA	Incl w/NSN 0738	Incl w/NSN 0738	N/A
6650015709308		Power Cord	10445661		1	EA	Incl w/NSN 0738	Incl w/NSN 0738	N/A
7610015437003	<b>Download Below</b>	Literature, Operator			1	EA	Incl w/NSN 0738	Incl w/NSN 0738	N/A

**MICROSCOPE SET STEREOSCOPE LEICA S4  
ACCESSORIES & CONSUMABLES - RESUPPLY**

NSN	Notes	Nomenclature	MFR PN Leica Microsystems	DIST PN I. Miller Prec Optical Inst	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6505001181666		Mineral Oil USP cup unit dose 30ML I.S.	NDC00121 -0462-30		1	100/PG	\$25.35	\$25.35	36
6640000744191		Slide Microscope Plain Frosted End 75.4x25mm 72s	3703-2F		1	72/PG	\$36.16	\$36.16	N/A
6640006180066		Cover Glass Microscope Slide 22mm Square 1 oz.	M6045-2		1	22/PG	\$81.06	\$81.06	N/A
6640006841345		Box Microscope Slide Plastic 25	03-448-10		1	25/PG	\$14.55	\$14.55	N/A
6650015243333		Light Source L2	10446385		1	EA	\$239.00	\$239.00	N/A
6650015691514		Base	10446340		1	EA	\$96.00	\$96.00	N/A
6650015693286		Bulb	10447056		1	EA	\$19.00	\$19.00	N/A
6650015694446		Light Guide Double Gooseneck	10446389		1	EA	\$187.00	\$187.00	N/A
6650015694597		Eyepiece Widefield, 10x/23	10447137		1	EA	\$95.00	\$95.00	N/A

## ACCESSORIES & CONSUMABLES - RESUPPLY

NSN	Notes	Nomenclature	MFR PN Leica Microsystems	DIST PN I. Miller Prec Optical Inst	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6650015695575		Case Custom Fitted Carrying	2750		1	EA	\$350.00	\$350.00	N/A
6650015705388		Adapter L2	10446374		1	EA	\$19.00	\$19.00	N/A
6650015707148		Focusing Column	10446339		1	EA	\$234.00	\$234.00	N/A
6650015708971		Leica S4E Stereozoom Microscope Pod	10446293		1	EA	\$978.00	\$978.00	N/A
6650015708976		Focusing Lens	10446391		1	EA	\$44.00	\$44.00	N/A
6650015708984		Power Supply	10447015		1	EA	\$42.00	\$42.00	N/A
6650015709308		Power Cord	10445661		1	EA	\$16.00	\$16.00	N/A

### MICROSCOPE SET STEREOSCOPE LEICA S4 WEB LINKS

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

**[http://www.leica-microsystems.com/fileadmin/downloads/Leica%20S4%20E/User%20Manuals/Leica\\_Measuring\\_Manual\\_EN.pdf](http://www.leica-microsystems.com/fileadmin/downloads/Leica%20S4%20E/User%20Manuals/Leica_Measuring_Manual_EN.pdf)**



## TRAP MOSQUITO LIGHT BATTERY POWERED

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**MANUFACTURER: JOHN W. HOCK COMP**

**Manufacturer Model# 512.MIL**

**Manufacturer's PHONE: (352) 378-3209 FAX: (352) 372-1838**

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

**Item Web Link:**

<http://www.johnwhock.com/products/512.htm>

**AAC 'J' ITEM NSN 3740-01-106-0091**

**UA's: 124A**

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

**UNIT PRICE: \$253.38**

**System Description:** The CDC Miniature Light Trap Model 512.MIL was developed by the U.S. Centers for Disease Control to provide a reliable and portable sampling device for the collection of mosquitoes and sand flies used in arbovirus and taxonomic studies. This battery operated trap is being used throughout the world. It has become a standard, battery-operated survey tool for mosquito control operations. The 512.MIL trap comes complete with motor, fan, lamp, power cord, rain shield, terminals, battery holder (4 D-cell) and a double ring collection bag. The trap can be powered by 4 D-cell batteries or a rechargeable 6V gel cell battery w/ 10 amps or greater.

**Features:**

- Use with collection bag or killing jar
- Downdraft fan keeps catch in the collection bag



**TRAP MOSQUITO LIGHT BATTERY POWERED  
PART # 512.MIL  
NSN 3740011060091**



**TRAP MOSQUITO LIGHT BATTERY POWERED CLOSE UP**

**TRAP MOSQUITO LIGHT BATTERY POWERED  
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

<b>Item Dimensions</b>	<b>Height (Inches)</b>	<b>15</b>
	<b>Width (Inches)</b>	<b>15</b>
	<b>Length (Inches)</b>	<b>7</b>
	<b>Cube (Cubic Feet)</b>	<b>0.9115</b>
	<b>Weight</b>	<b>3.5 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>-17° to 40° C / 0° to 100° F</b>
<b>Operating Temp</b>		<b>0° to 40° C / 32° to 104° F</b>
<b>Storage Humidity</b>		
<b>Operating Humidity</b>		
<b>Amps</b>		
<b>Watts</b>		
<b>Power Requirements</b>	<b>6 VDC, provided by 4 D-Cell Batteries OR 1.6V gel cell battery of 10 amps or more 300 milliamps/hour required to operate</b>	
<b>Notes</b>		

**TRAP MOSQUITO LIGHT BATTERY POWERED  
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN John W. Hock Comp	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
3740011060091		Trap Mosquito Light Battery Powered	512.MIL		1	EA	\$253.38	\$253.38	N/A
		Bag Collection Double Ring	512.MIL.B AG		1	EA	Incl w/NSN 0091	Incl w/NSN 0091	N/A
		D-Cell Battery Holder	512.MIL.D - CELLHOL DER		1	EA	Incl w/NSN 0091	Incl w/NSN 0091	N/A
		Motor w/Fan	512.MIL.M OTORFAN		1	EA	Incl w/NSN 0091	Incl w/NSN 0091	N/A
	<b>no NSN required</b>	Parts List w/Prices			1	EA	Incl w/NSN 0091	Incl w/NSN 0091	N/A
		Power Cord	512.MIL.P OWERCO RD		1	EA	Incl w/NSN 0091	Incl w/NSN 0091	N/A
		Rain Shield	512.MIL.R AINSHIEL D		1	EA	Incl w/NSN 0091	Incl w/NSN 0091	N/A
7610015437003	<b>download below</b>	Manual Operation			1	EA	Incl w/NSN 0091	Incl w/NSN 0091	N/A

**TRAP MOSQUITO LIGHT BATTERY POWERED  
ITEMS FOUND IN THE UNIT ASSEMBLAGE SUPPORTING THIS ITEM**

NSN	Notes	Nomenclature	MFR PN John W. Hock Comp	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6130006297396		Charger Battery	RR6600M		7	EA	\$288.22	\$2,017.54	N/A
6135008357210		Battery Non-Rechargeable 1.5V AA 12s	13A		12	12/PG	\$30.57	\$366.84	36
6140004320490		Battery Storage Electrolyte Silica-Gel 6V 7amp	A206/6.5 II		22	EA	\$20.49	\$450.78	24

**TRAP MOSQUITO LIGHT BATTERY POWERED  
ACCESSORIES & CONSUMABLES - RESUPPLY**

NSN	Notes	Nomenclature	MFR PN John W. Hock Comp	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
		Bag Collection Double Ring	512.MIL.B AG		1	EA	\$16.80	\$16.80	N/A
		Battery Gel 6V 10 Amp	2.30		1	EA	\$29.00	\$29.00	24
		Battery Gel 6V 20 Amp	2.32		1	EA	\$58.00	\$58.00	24
		D-Cell Battery Holder	512.MIL.D - CELLHOL DER		1	EA	\$12.50	\$12.50	N/A
		Motor w/Fan	512.MIL.M OTORFAN		1	EA	\$11.00	\$11.00	N/A

**ACCESSORIES & CONSUMABLES - RESUPPLY**

NSN	Notes	Nomenclature	MFR PN John W. Hock Comp	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
		Power Cord	512.MIL.P OWERCO RD		1	EA	\$8.00	\$8.00	N/A
		Rain Shield	512.MIL.R AINSHIEL D		1	EA	\$8.00	\$8.00	N/A
		Trap Only	512.MIL.T RAPONLY		1	EA	\$70.15	\$70.15	N/A
6130006297396		Charger Battery	RR6600M		1	EA	\$288.22	\$288.22	N/A
6135008357210		Battery Non-Rechargeable 1.5V AA 12s	13A		1	12/PG	\$30.57	\$30.57	36
6140004320490		Battery Storage Electrolyte Silica-Gel 6V 7amp	A206/6.5 II		1	EA	\$20.49	\$20.49	24

**TRAP MOSQUITO LIGHT BATTERY POWERED**

**ADDITIONAL NOTE:**

BATTERIES SHOULD NOT BE STORED ABOVE 90°F/32°C.

BATTERIES SHOULD BE STORED FULLY CHARGED, PLACED ON CHARGER ONCE EVERY 6 MONTHS. DO NOT FULLY DISCHARGE BATTERY OR IT WILL NOT RE-CHARGE.

**TRAP MOSQUITO LIGHT BATTERY POWERED**

**WEB LINKS**

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

**[http://www.johnwhock.com/download/manuals/instr\\_512\\_CDCMiniature.pdf](http://www.johnwhock.com/download/manuals/instr_512_CDCMiniature.pdf)**



