

There have been some changes to the MVE repair program. Due to the ever-increasing concern about bio-hazardous waste, we are reiterating the decontamination procedure required before Dewars are returned for repair. Below is the decontamination procedure that must be followed with a water rinse. Remember to remove rinse water from dewar before returning. Stainless material in XLC units will react with a chlorine wash if left in contact for longer periods of time. All solutions must be removed from units or receiving shipment will be refused.

SANITIZING AND DECONTAMINATING MVE ALUMINUM AND XLC DEWARs:

MVE aluminum dewars are constructed with an aluminum inner, which utilizes a fiberglass, neck support. The stainless units are constructed with an inner entirely fabricated from stainless steel sheets. Any cleaning solution that does not react with aluminum or steel can be used in the sanitation process of these dewars. In most cases, any household detergent or mild soap solution is suitable. The U.S. Custom Service uses a solution called EXPOR for incoming shipments from abroad. This is mixed 9 parts water to 1 part EXPOR, and is applied with a spray nozzle. As mentioned above, however, any household cleaning solution can be used.

These include: bleach, detergents, and mild soaps. Other cleaners and disinfectants which can be safely used include: hydrogen peroxide, chlorine / water and denatured alcohol. It is important that the inner vessel is thoroughly rinsed with water & all cleaner residue has been removed. Spraying the solution into the inner vessel is preferred, although agitation of the solution inside the inner will suffice. Allow the unit to dry before putting into service. This process is not intended for use in older vapor shipper models manufactured prior to 1994. Remember to agitate solution, rinse thoroughly, and dry.

REFURBISHED BIOLOGICAL UNITS:

REFURBISHED ALUMINUM UNITS IN STOCK AS OF 4/3/01			
Qty	PN	Description	Selling Price
1	992221R	LAB 4	\$180.00
4	991807R	LAB 5	\$197.00
3	10854940R	RPL XC 35/12	\$590.00
1	10718067R	RPL CRYO SYSTEM 6000	\$1,634.00
1	11082646R	RPL MILLENNIUM XC 20	\$320.00

These units are NEW stock. The XC 35/5V and XC 34/9V are both vapor shippers, however, no protective cartons are available.

4	11198761	XC 35/5V	\$737.50
2	11198913	XC 34/9V	\$587.50
8	11052674	CryoSystem 8 (like a Locator 8 w/cork & cover, no canisters or racks)	\$422.50
2	10585911	CryoSystem 3600	\$550.00

Warranty – 3 years Vacuum. No other discounts applicable.

REFURBISHED BIOLOGICAL UNITS CONTINUED

REFURBISHED XLC UNITS IN STOCK AS OF 4/3/01				
Qty	PN	Description	SN	Selling Price
2	10491190R	XLC 500 F (ROUND CORNER CABINET)	CDRA96B106 JSA93J103	\$3,550.00 \$3,550.00
2	10763941R	XLC 500	CDRA98H110 CDRA97K104	\$3,392.00 \$3,392.00
1	10763976R	XLC 500 F GB BB	CDRA96H127	\$4,055.00
1	10570791R	XLC 500 W/LL	JSA94E110	\$4,000.00
2	10752767R	XLC 511 FA	CEEA98F106 CEEE99J105	\$3,341.00 \$3,341.00
1	10504501R	XLC 1200 FA	JUA94M102	\$6,500.00
2	10763888R	XLC 1200 F GB BB	CEPA98G103 CEP99B111	\$7,028.00 \$7,028.00
1	9922949R	XLC 810HE	JWA94H102	\$5,175.00
3	10811739R	XLC 1520 HEF BB	CDSA96J103 CDSA96K104 CDSL99M104	\$8,100.00 \$8,100.00 \$8,322.00
2	10784056R	XLC 1520HEF	CDSA97D101 SN N/A	\$8,100.00 \$8,100.00

Sale Prices – No other discounts applicable. Warranty – 2 Year Vacuum, 6 months controller

STAINLESS XLC REPAIR PROGRAM

PLEASE NOTE THAT MVE WILL NOT DECONTAMINATE ANY FREEZER ON RECEIPT. MVE WILL NOT ACCEPT DELIVERY OF ANY UNIT FOR WHICH A DECLARATION OF DECONTAMINATION HAS NOT BEEN RECEIVED PRIOR TO SHIPMENT.

INSPECTION FEE/SCRAP FEE		\$75.00
Level I: Revac Only	<ul style="list-style-type: none"> • Test Repair • LN2 Test • Revac • One Year Warranty 	\$350.00
Note: There will be a \$200.00 additional charge if cabinet has to be removed and reinstalled.		
Level II: Complete Repair/Cosmetic	<ul style="list-style-type: none"> • Ln2 Test • Revac • Mass Spec • Re LN2 Test • Buffing & Cleaning • One Year Warranty 	\$500.00 Non-Cabinet \$625.00 Cabinet
Note: This does not include any electrical work or parts. These are additional.		
Level III: Repairs Involving Cut-Apart	<ul style="list-style-type: none"> • XLC-511 & Smaller • XLC-800 & Larger 	\$800.00 \$1,500.00
Repairs Involving Electronics	<ul style="list-style-type: none"> • Cost of Parts Plus 	\$75.00

ALUMINUM REPAIR PROGRAM

PLEASE NOTE THAT MVE WILL NOT DECONTAMINATE ANY FREEZER ON RECEIPT. MVE WILL NOT ACCEPT DELIVERY OF ANY UNIT FOR WHICH A DECLARATION OF DECONTAMINATION HAS NOT BEEN RECEIVED PRIOR TO SHIPMENT.

Level I: Inspection / Scrap Fee	<ul style="list-style-type: none"> • Test Repair • LN2 Test • Revac • One Year Vacuum Warranty 	\$35.00
Level II: Revac Only	<ul style="list-style-type: none"> • Inspection • Re-Evacuation • 1 Year Vacuum Warranty • 3 Week Turn-Around 	\$150.00
Level III: Complete Repair	<ul style="list-style-type: none"> • Inspection • Re-Evacuation • Liquid Test • Paint • New Labels • 1 Year Vacuum Warranty • 4 Week Turn-Around 	\$225.00
Level IV: Non MVE Manufactured Tanks	<ul style="list-style-type: none"> • Inspection • Re-Evacuation of Vacuum Space • No Warranty 	\$200.00

Remove Canister and cork / cover before shipping. MVE cannot repair non-MVE Vapor Shippers

For copies of past Tech Tips or for more information on maintaining your nitrogen storage dewars please contact Jim Bachman at (952) 882-5168, Pager (612) 579-8367, Fax (952) 882-5175.

