



Tech Tips



May/ June 2010

CryoShipper Inner Dimensions

The Cryoshipper and Cryoshipper XC have different inner configurations. The CryoShipper inner rectangular assembly measures 5.6" (142 mm) by 6.6" (167 mm) with a usable height of 11.0" (279 mm). The CryoShipper XC cylindrical inner assembly has a diameter of 8.5" (215 mm) and a usable height of 12.5" (317 mm).



Planer Shipslog Cables and Keys

If additional cables and keys are needed for the Planer Shipslog, please use the part numbers below.

11804485 CABLE SERIAL LOGGER TO PC

11878345 KEY SHIPSLOG

XLC 1110 Cabinet Lid Assembly

The XLC 1110 Lid Assembly is no longer available. If you need specific parts for this particular freezer, please call Technical Service to verify the part number and availability.

MVE CryoCart – New Part Number

The ordering process has been modified; therefore the MVE CryoCart with plumbing and temperature recording has a new part number, 14448703.



Manual Discharge Device Preventative Maintenance

Chart Inc. does not have a preventative maintenance schedule for the Manual Discharge Device. Periodic evaluation of the manual discharge device will enable you to verify whether the device has a good seal to build pressure and a working relief valve to relieve pressure at 5 psi. If at any time it is determined that the Manual Discharge Device is not operating to specification, please feel free to contact Customer or Technical Support to arrange to have the unit sent back for inspection and repair.

Aluminum Dewar and Stainless Freezer Vacuum Repair

Chart offers a variety of options to correct a loss of vacuum. The various tiers are listed below.

Aluminum Chart Dewars

Level I	Inspection/Scrap Fee • Mass Spec	PN: 10643712	\$50.00
Level II	Revac Only • Inspection • Re-Evacuation of Vacuum Space • Liquid Test (NER) • 1 Year Vacuum Warranty • 3 Week Turnaround	PN: 10643739	\$225.00
Level III	Complete Repair • Inspection • Re-evacuation • Liquid Test (NER) • Paint • New Labels • New Cork/Cover • 1 Year Vacuum Warranty • 4 WEEK Turnaround	PN: 10643739	\$325.00
Level IV	Non-MVE Manufactured Dewar • Inspection • Re-evacuation of Vacuum Space • No warranty • Paint (additional \$75.00)	PN: 10910201	\$325.00

Aluminum Dewar and Stainless Freezer Vacuum Repair (cont.)

Stainless MVE Freezers

Note: An inspection fee is only charged if the freezer is not repaired. If Chart repairs the unit, the inspection fee is waived.

Inspection Fee		\$250.00
Level I	Revac Only	\$1050.00
	• Test Repair	
	• Liquid Test (NER)	
	• Re-Evacuation	
	• 1 Year Vacuum Warranty	

**An additional charge of \$250.00 applies if the cabinet has to be removed and reinstalled.

Level II	Complete Repair/Cosmetic	\$1300.00
	• Liquid Test (NER)	
	• Re-evacuation of Vacuum Space	
	• Mass Spec	
	• Repeat Liquid Test (NER)	
	• Buffing and Cleaning	
	• 1 Year Vacuum Warranty	

**No electrical work or parts are included (additional charge will apply if needed)

Level III	Repairs Involving Cut Apart	
	• XLC 611 and Smaller	\$1800.00
	• XLC 800 and Larger	\$2600.00
	• Electrical and Plumbing parts additional	

Correction Regarding April Tech Tips

The last issue of Tech Tips included a section on liquid versus vapor storage. Although not entirely incorrect, it was not meant to be a complete summary of the debatable issue. Please refer to your local MVE Distributor for more information regarding this topic.



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