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MVE Chart Tech Tips

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December, 2011

PRODUCT INFORMATION

Chart MVE IATA Shipper

Chart MVE offers the IATA Vapor Shippers for the safe transportation of biological samples of -150C or colder. IATA is the acronym for International Air Transport Association. The IATA series is the only vapor shipper Chart sells with the added benefit of a secondary stainless steel container with lid and bolts that enable the shipping of both hazardous and non-hazardous materials. P/N 10777411



For instructions on charging the IATA Vapor Shipper, please refer to the "Helpful Hints" section below.

Chart MVE HE Freezer Lid Lock

Chart MVE offers a pad-lock for HE Series freezer lids, P/N 11875751.



Location of HE Freezer
Locking Tabs for
MVE Pad-lock

HELPFUL HINTS / FAQs

Instructions for filling the IATA Vapor Shipper.

Q: How does one fill an IATA Vapor Shipper?

A:

1. Fill the Cryoshipper to the bottom of the neck tube (Do not overfill).
2. Install the cork and cover and allow the Cryoshipper to cool down for 24 hours.
3. Take the first weight (For future reference).
4. After 24 hours pour out the excess liquid nitrogen. Please note after 24 hours if the shipment is not ready one can leave the liquid and remove just before shipping.

Note: Please refer to the IATA Vapor shipper manual for specific IATA instructions.

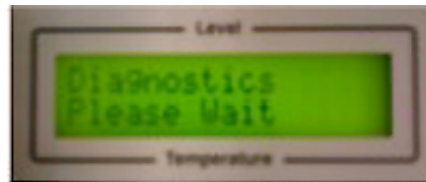
Instructions for disabling the TEC2000 temperature probe.

Q: How does one disable the temperature probe?

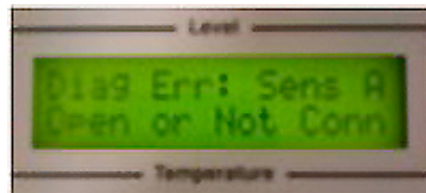
A:

1. Unplug main power and disconnect the battery backup from the TEC2000 if so equipped.
2. Disconnect the temperature probe that you wish to disable (both probes if you wish to disable both)

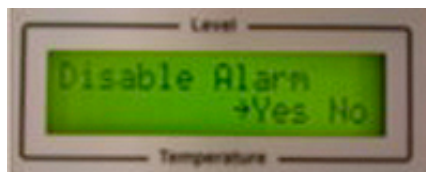
3. Restart the TEC2000 using only the A/C power; the screen will display, "Diagnostic Please Wait".
4. Screen will scroll for a few seconds to, "Diag Err: Sens "X" Open or Not Conn".
5. Screen will display for a few seconds, "Disable Alarm Yes or No"
6. Press the up and down arrow keys to scroll to Yes and press Enter.
7. This will disable the temperature "X" probe.
8. If both probes were disconnected, steps 4 and 5 will repeat on the screen for the second probe.
9. Repeat step 6 to disable the second probe.
10. Re-connect the battery backup if so equipped.



Diagnostic Screen



Sensor A Open



Disable Alarm

Accessories

Temperature Probe Sealant for Chart HE Series Freezers

The temperature probe sealant is P/N 14243599.

Pouring Spout for Lab Series 5, 10, 20, 30, and 50

The pouring spout part numbers are as follows:

P/N 9720729 2.2" (56mm) Neck Inside Diameter Lab 5, 10, 20

P/N 9711909 2.0" (51mm) Neck Inside Diameter Lab 10, 20

P/N 9711929 2.5" (64mm) Neck Inside Diameter Lab 30, 50



Pouring Spout

Upcoming Events

Tradeshows

We will also be present at the following tradeshows, so feel free to stop by our booth. Please click the title of each tradeshow to be directed to the show site.

[Arab Health Congress](#)

January 23rd-26th

Dubai, UAE

Booth #1F14

[American Association for Cancer Research](#)

March 31st-April 4th

Chicago, IL

Booth #4300

[European Group for Blood and Marrow Transplantation](#)

April 1st-April 4th

Geneva, Switzerland

Booth #149**Contact Us**

For ordering information contact Customer Service:

United Kingdom	+44 (0) 1344 403 100
France	+33 (0) 9707 54 646
Germany	+49 (0) 202 739 55429
Italy	+39 049 784 0142 customerservice.europe@chart-ind.com
Australia/New Zealan	+61 2 9749 4333
Asia/Pac Rim	770.721.7759
The Americas	770.721.7759
US Toll Free	800.482.2473 customerservice.usa@chart-ind.com

For technical information contact Technical Service:

United Kingdom	+44 (0) 1344 403 100
France	+33 (0) 5610 82 977
Germany	+49 (0) 202 739 55407
Italy	+39 049 644 498 techservice.europe@chart-ind.com
Asia/Pac Rim	770.721.7759 techservice.usa@chart-ind.com
The Americas	770.721.7759 techservice.usa@chart-ind.com
US Toll Free	800.482.2473 techservice.usa@chart-ind.com

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