



MVE Tech Tips



May & June, 2008

Fire Codes and Liquid Nitrogen Freezers

The National Fire Protection Association (NFPA) has no codes that require freezers, or non-pressurized liquid nitrogen dewars to be secured to a wall. However, each state or locality can pass more stringent codes as long as they are not less lenient than the established NFPA codes. So be sure to check your local codes/ordinances to find if there are any variations from federal regulations. A good source of information would be your local fire inspector. If working with an inspector remember:

1. Be sure the inspector refers to exact ordinance code violations if citations are issued
2. Work with the inspector, but don't be afraid to question the violations
3. You should have a grace period to correct potential violations before any fines are assessed

Disabling Temperature Probes on the TEC 2000

If you need to disable the temperature probes on a TEC 2000:

1. Remove the probe you would like to disable
2. Cycle the power by unplugging the controller's power source and plugging it back into the controller. If your freezer is equipped with battery backup, remember to disconnect this as well.
3. The controller will read, "DIAG ERROR SENS A" and will display "DISABLE ALARM? YES OR NO"
4. Selecting "YES" is the same as disabling the port.
5. Repeat for port B if desired.

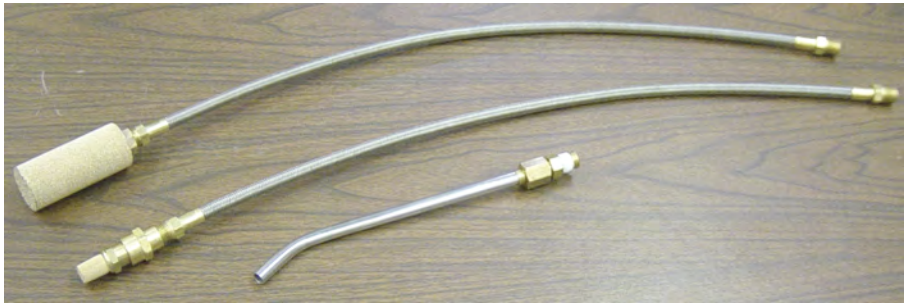
Downloading Data and Memory

The TEC 3000 can hold 30,000 data records. When an event log is downloaded from the controller, it does not clear the downloaded events from the controller. These records will remain in the controller until the 30,000 mark has been reached, then starting from the oldest event, the records will be replaced one by one with new data events.

Discharge Device Hose

Chart now offers a transfer hose that can be attached to your discharge device. The stainless steel transfer hose is two feet long, 1/4 inch in diameter, and equipped with a phase separator. To order this accessory, please use the following part numbers:

Phase Separator Size	Part Number
Small	14044143
Medium	14044151



Freezer Operation Manuals

Chart does not have specific user manuals for each freezer; however, we do have TEC 2000 and TEC 3000 manuals along with the TEC 3000 Quick Start Guide. These can be accessed through our website at www.chartbiomed.com. Click on Resource Library and select TEC2000/3000 Resources. This link takes you to a list of related literature and you can choose which one you are interested in reviewing.



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