



PrincetonCryo.com
Cryogenic Delivery and Storage Systems

In This Issue

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[Product Information](#)
[Helpful Hints / FAQs](#)
[Accessories](#)

MVE Chart Tech Tips

PRODUCT INFORMATION

Chart MVE PDF Logger®

Chart MVE introduced the new PDF Logger® in November 2011. The PDF Logger® requires only one single device, without the need for specific software or cables, to monitor the temperature during the global transfer of cryobiological goods. The easy-to-use "Transit" and "Arrived" buttons make initiating and receiving monitored shipments fast and simple. The PDF Logger® can be plugged into the USB port of any PC to automatically generate a PDF evaluation report which provides: statistics, the alarm status, and a temperature graph. A free online configuration software may be found at www.pdflogger.com that allows the user to customize the logging and reporting to the utmost degree.

Facilities that require a verification of the logger temperature probe system can use the configuration software for this purpose. The probe system contains a built-in calibration verification function that will print a verification sheet.

Furthermore, the one-year-lifespan eliminates the hassles of recalibration and recertification. After the PDF Logger® has been in service for 1 year, simply discard the logger and purchase a new one. For further details please review the November 2011 Technical Tips edition [here](#).

The PDF logger can be ordered already mounted to the shipper lid. Please see the table below for the appropriate PN for your model of shipper.

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Unit	PN for PDF Logger mounted to Lid
CryoShipper, Mini, XC; QWick 9/500, 10/950	15086468
Cryo Moover	15086513
SC 4/2V, QWick 10/100	15086476
SC 4/3V, QWick 14/48	15086484
SC 20/3V	15086505



HELPFUL HINTS / FAQs

AI Roller Bases

Q: Does Chart sell a roller base for my dewar?

A: Yes. Chart sells roller bases for our AI dewars. Please see the below chart to determine which roller base is appropriate for your dewar.

AI Dewar	Roller Base PN	Maximum dewar outer diameter
SC 20/20, Super 2, Millennium XC 20, Millennium II, XC 22/5, Lab 20	10937391	14.5"
SC 33/26, SC 36/32, XC 21/6, XC 32/8, XC 33/22, XC 34/18 & Plus, Lab 30 & 50	10937403	18.2"
XC 43/28, XC 47/11, Cryosystem 750	10937411	20"
Cryosystem 2000 & 4000	10937420	22"
Cryosystem 6000	10937438	26.2"

Q: Can I purchase new wheels for my roller base?

A: Yes. The 3" wheels are the same for all current roller bases. The wheels may be ordered using **PN 14880379**. This includes all five casters.

Q: How does the addition of a roller base impact the overall height of the dewar?

A: The roller base with the 3" wheels will add approximately 4.5" to the overall height of the dewar.

ACCESSORIES

TEC COM Kit

The TEC COM Kit is a useful tool that enables a user to download data from both the TEC2000 and TEC3000 freezer controllers. This tool can assist with periodic maintenance and troubleshooting. The kit uses Chart Connect software to connect to the controller. This software is included in the kit, but may also be downloaded from the [Chart Biomedical website](#).

To order use: **PN 13376947**



LN2 TX - Liquid Nitrogen Transfer System

Chart's new LN2 TX is designed specifically to allow the safe and easy removal of liquid nitrogen from an open vessel. Instead of lifting and pouring liquid nitrogen from heavy dewars, one can simply utilize the LN2 TX to transfer liquid nitrogen from one open vessel to another. When connected to a nitrogen gas source, the LN2 TX will efficiently transfer liquid nitrogen.

The new LN2 TX Assembly is **PN 15098872** and pictured below.



Please note: The minimum neck opening for the vessel that liquid nitrogen is to be removed from is 3.25" (83 mm) and the minimum neck opening for the vessel that the liquid nitrogen is being transferred to is 4" (102 mm).



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