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MVE Chart Tech Tips

PRODUCT INFORMATION

New Temperature Probe for Chart MVE Cryogenic Storage Tanks

Beginning March 1, 2012, Chart will introduce a new temperature probe at a length of 65 inches (165 cm). Like all previous versions, the new 65-inch temperature probe is robust, precise, and accurate in measuring cryogenic temperatures. In the past Chart has provided two temperature probes: one at 44" (112 cm) to be used for the MVE 800, 1500, and most of the MVE freezer series; and a second at 96" (244 cm) to be used for most of the MVE 1800 and Cabinet Series. In an effort to simplify replacement orders, Chart has made the switch to one temperature probe with a length of 65 inches (165cm). This new 65" (165 cm) temperature probe can now be used to measure cryogenic temperatures in all of our freezers.

- New Temperature probe 65 inches (165cm) P/N 20570663

Cryo-Cyl 35 and 50 LP Modes

Chart has redesigned the Cryo-Cyl 35 and 50 liter Series plumbing system. The new stainless steel, braided Teflon flex lines simplify the connections and provide even greater leak protection to our well-designed plumbing system. The current part numbers will remain the same.



HELPFUL HINTS / FAQs

Planer Datalogger software downloading and operation.

Q: How can one retrieve the Planer Datalogger software?

A: Navigate to the Website and click on Software and Manuals, click on page 2, and then click on Shipslog Software. Link provided below:
http://support.planer.co.uk/html/technical_support.html

Q: Will the Planer Software operate on Windows 7?

A: The supplier has no plans of enabling existing ShipsLog Dataloggers to be Windows 7 compatible. Customers have the option to continue using an older version of Windows or upgrade to Chart's New PDF Logger.

Static Evaporation Rates

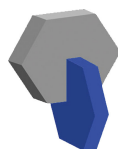
Although evaporation rates are not currently listed in any of Chart's marketing brochures, we have developed a general list for each series. These values represent tanks observed in a "static setting", which means that the tanks were left undisturbed, without any lid openings for a set period of time. We understand that our freezers are most often used in non-static conditions, so with this in mind, these figures are only intended to be used as general estimates. These values can vary depending on a variety of uncontrolled parameters.

Open Top Models		High Efficiency	
Model.....	SER (L/day)	Model.....	SER (L/day)
MVE 103	4.1	800 series	5.0
MVE 205	3.0	1500 series	7.5
MVE 510	6.2	1800 series	12.5
MVE 616 & C.....	8.5	1842 (old 1830)	12.0
MVE 808	8.0		
MVE 1223	13.0		
MVE 1318.....	8.5		
MVE 1426 & C.....	14.0		
MVE 1839	13.0		

ACCESSORIES

New Freezer Liquid Level Measuring Tool

- New 47-inch measuring tool P/N 20561020



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