





MVE Tech Tips

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Two Cabinet Models Discontinued

Chart is announcing the discontinuation of two of the cabinet models that have been part of MVE's freezer family for 15 years. We are not abandoning the cabinet design but only improving it. The XLC-500 and XLC-1200 are no longer being manufactured. The two cabinet models are being replaced with the newly designed MVE-600 and MVE-1400. Parts and service for the 500 and 1200 will continue as always. At the time of publication Chart has in its inventory 19 XLC-1200's. These can be purchased for 50% off list price until the 19 units are gone. There is one XLC-500 model available and when this and the 19 of the 1200's are sold, they will be gone forever. You can contact customer service at 888 683 2796 for pricing and availability.

Dual Fill Valves

All HE series units have dual fill valves installed into the plumbing subassembly as of 10/6/03. The only remaining models without dual fill valves are the 511, 1211, and 1841. The 1211 unit will be discontinued, and both the 511 and 1841 will change to dual full valves when they are revised to the 611/1411-style rear enclosure. Our goal is to have all freezers with dual valves completed by the beginning of the year. The Bio-Series controller units will not be included in the dual fill valve design.

Data Loggers

As the interest for data loggers have increased so did the requests for varying temperature probes. This was beginning to create some unique supply and service problems. Chart Ind. has determined that only one type of data logger will be carried. Of the four types listed only one will be offered:

Hard wired Data logger- obsolete

Fixed Probe Data logger- obsolete Fixed disc Data logger- obsolete

Adjustable probe data loggers- This is the only style we will offer and will not entertain any variations to the existing design. The part number for this data logger is 11554324 and will be offered to the following cork and covers:

Cryo-Moover 11554383 Cryo-Shipper & XC 11371181

SC 4/2V 11554341 SC 4/3V 11554367

Note: Data loggers can be attached to most units. Contact Technical Service if other models would require data loggers. Also, data loggers can be calibrated in Burnsville. There is a 3 working day turnaround from the time logger is received at our dock and when it is sent back. Ask Customer Service about price, lead-time and return authorization number.

Racking Accessories for Control Rate Freezers

Chart Ind. has available racks that can hold 196 vials or racks that can hold blood bag canisters. Dimensions of the vial tray are 218mm X 218mm X 110mm high $(8.6" \times 8.6" \times 4.3")$. But when stacked each additional tray adds only 100mm (3.9") to the overall height. So two stacked trays become 210mm (8.27") and 3 trays become 310mm (12.21"), etc.

The part number for the vial 196-vial rack is 11799102.

There are three sizes of racks designed to hold blood bag cassettes. The two vertical racks will hold 11 and 20 cassettes respectively. They are part number 11799031 and 11802121. The third rack will hold 11 bag cassettes horizontally. This part number is 11808961. Call Customer Service for pricing and availability.

You Wanted To Know....

- Q. Is there anyway of changing the 60 minute default time for the LN2 supply without using a computer interface?
- R. No. But by connecting with a PC this parameter can be set anywhere from 1 minute to 360 minutes.
- Q. Is it better to ship units with weight on casters or weight on bottom head?
- R. It is safer to ship them with the weight on the bottom head than on the casters. The impact loads on the casters from riding in a road trailer are probably higher than the load rating on the casters. This is why the heavier models are crated on blocked skids.
- Q. Approximately what year did MVE go to the 1.6 version of the e-prom chip?
- R. The following timeline is close to when different versions of the e-prom chip took effect: TEC 2000

Prior and up to 1995-1/96 up to 4/1/98-4/1/98 up to 1/1/2000-1/1/2000 to 1/1/2001-1/1/2001 to 4/1/2003-4/1/2003 to present-MDC 1.5 version MDC 1.6 version MDC 1.7 version MDC 1.71 version MDC 1.71 version MDC 1.80 version MDC 1.90 version

Note to remember

Note to anyone who works with LN2 or LO2. The higher the pressure, the warmer the liquid. The coldest liquid is that which has a low saturation pressure.

Feel free to call Technical service @ 866 819-5897 for any questions concerning Bio-Medical dears or equipment. Contact Customer service for pricing and inventory questions.

Bio-Medical Customer and Technical Service

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For copies of past Tech Tips or for more information on maintaining your nitrogen storage dewars please contact Jim Bachman at (952) 641-6115, Fax (800) 232-9683.

