

MVE

Tech Tips



A monthly publication for the MVE Biological Products Distributors

NEW ACCESSORIES

In this month's Tech Tips we would like to introduce several new accessories, most of which are available for immediate purchase. See the attached brochures and specifications for LN2 Tank Switcher, Cryo Shipper Mini, Shipping Data Logger, and Cryo-System 6000 with full automatic liquid filling controls. Please note the Cryo-System 6000 will not be available until September.

XLC RECOMMENDED SETTINGS FOR STORING LIQUID

Each MVE freezer is delivered with the parameter already set to factory settings. These settings are 4, 5, 7, and 8 inches. Many of our customers will store samples in liquid while others will store in vapor phase. Listed below are the recommended settings for storing in vapor of each XLC freezer. These are only recommendations, as each customer will have different storing requirements.

SUGGESTED SETTINGS FOR XLC UNITS IN VAPOR PHASE STORING

	LOW ALARM	LO FILL	HIGH STOP	HI ALARM
XLC-440	4	4.5	5.5	6.5
XLC-500/511	4	4.5	5.5	6.5
XLC-810	4	4.5	5.5	6.5
XLC-1200/1211	4	4.5	5.5	6.5
XLC-1370	4	4.5	5.5	6.5
XLC-1830/18302T	8	9	11	12
XLC-1840/1841	4	4.5	5.5	6.5
XLC-810HE	4	5	7	8
XLC-1520HE	6	7	9	10
XLC-1830HE	8	9	11	12

VAPOR PHASE STORING IS RECOMMENDED ON XLC-HE UNITS. THE FACTORY SETTINGS ON ALL XLC TEC-2000 CONTROLLERS IS 4-5-7-8. TO PREVENT "NUISANCE ALARMS" IT IS ADVISED TO SET ALARMS 1" FROM LO AND HI SET POINTS. TO PREVENT EXCESSIVE FILL CYCLING MVE RECOMMENDS A MINIMUM OF 2" BETWEEN LO AND HI FILL POINTS.

For copies of past Tech Tips or for more information on maintaining your nitrogen storage dewars please contact Jim Bachman at (612) 758-8520, Pager (612) 579-8367, Fax (612) 758-8224.