



MVE Tech Tips



May, 2007

LAB 20

There has been a small but noticeable change to the Lab 20 neck tube diameter. This change affects all of the accessories used with the Lab 20 dewar. When ordering accessories, the customer should have their serial number ready to ensure the proper-sized accessory is ordered.

	New Lab 20 (2.2" neck)	Old Lab 20 (2" neck)
Spare cork/cover	10580299	10580475
Pouring spout	9720729	9711909
Discharge device (D/D)	13484139	13464867
Spare rubber plug	4710807	4710067
Plug kit 2" (for D/D)	n/a	13490811

The new Lab 20 began shipping in April. Old part numbers will be available for the foreseeable future.

Question and Answer

Q: When did MVE start using center-mounted sensor tubes on HE models?

A: MVE began installing centrally mounted sensor tubes on HE models in January of 1995. Any units purchased prior to that cannot utilize the center sensor assemblies, requiring temperature probes to be inserted through the lid.

Q: Are the two lids 11008340 and 10727414 used on a 1211 interchangeable?

A: No, the two lids are not interchangeable. 10727414 was used on freezers with Frigidaire hinges, while 11008340 was used on freezers with Wagner hinges. In addition to these lids, there is a third lid now being put on production units which is not interchangeable with any previous lids. To ensure that you receive the proper replacement lid, please make sure to have your serial number ready whenever ordering a replacement so customer service can determine the precise age of your freezer.

Q: Can I use either converter kit (RS232 or USB) for the TEC 3000 download?

A: Yes, the converter kits are interchangeable and can be used to download data from either the TEC 2000 or TEC 3000. The part number for the RS232 kit is 10740221 and the part number for the USB kit is 13376947.

HE Sensor Assembly Installation Order

There has been some confusion regarding the proper order for installing parts of the sensor probe assembly. Please refer to the sequence of pictures below for the correct order.



1. O-ring



2. Metal spacer



3. Brass cap fitting



4. Probe assembly



5. Finished installation

TEC 3000 and TEC 2000 Manuals

Notice to all distributors: If you or your customer need copies of the TEC 2000 or 3000 manual, they can be obtained online at www.chartbiomed.com. Click on "Resource Library" and then click on "TEC 2000 and TEC 3000 Resources". Past Tech Tips and other useful documents can be found by browsing the various areas of the resource library.

IATA/UN Vapor Shipping System

Cryoshipper XC VSS is made up of four components, all of which must be present to maintain IATA certification. The parts are: primary container, secondary container, Cryoshipper dewar, and plastic shipping container. If any of these are missing or substituted, the package is no longer certified to legally ship biohazardous samples. This also applies to replacement of any individual parts of these components. In order to maintain certification, all replacement parts must be purchased through Chart.

NOTICE: The relief valve for the secondary container must be labeled as a 15 psi valve. This label can be verified by looking for the number “15” stamped onto the valve body. If you notice something different from this, please contact your distributor or Chart immediately.

Customer/Technical Info

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