



MVE TECH TIPS



MVE Tech Tips August 2006

CE SERIAL NUMBER CHANGES

Changes have been made to the serial number scheme for CE units. The serial number has been expanded to 10 from 9 because allowing an extra digit for unit sequence number. For example B2006E101 changes to B2006E0101. Additionally, all CE units now start with "B20" instead of the previous model and revision specific scheme (e.g. "AAE").

PLASTIC SHIPPING CONTAINER/SELECTION

Use the listing below determining the correct shipping container for dewars with and without data loggers in the cork/cover:

Part #	Inner Diameter	Height	w/o Data Logger	w/Data Logger
9719449	12.3"	22 1/2"	SC2/1V, SC4/3V, SC4/2V, MiniMoover	SC4/2V, SC4/3V (must remove bottom pad)
9722149	15.1"	23 1/4"	XC22/5	SC4/3V (if pads can't be removed)
10537506	15.1"	24 1/4"	CryoShipper, CryoMoover	
10741726	19 1/4"	26 1/8"	Cryoshipper XC, XC20/3V	Cryoshipper, Cryoshipper XC
11358817	15.1"	24 1/4"	Cryoshipper Mini	Cryoshipper Mini
11545971	19 1/4"	26 1/8"	IATA	IATA (must remove bottom pad)
11912460	19 1/4"	26 1/8"	Arctic Express Dual 19, Doble 20, SC20 (Remove Bottom Pad)	XC22/5
11925105	15.1"	23 1/4"	Arctic Express Dual 10, Doble 11, SC11/17	
11930861	19 1/4"	26 1/8"	Doble 28	
13027552	20 1/4"	33 1/2"	Doble 47, XC47/11	
13027544	20 1/4"	33 1/2"	CryoSystem 2000	CryoSystem 2000

CORK AND COVER REPLACEMENT QUOTES

As a result of low volume production, manufacturing costs on many of our service lids fluctuate rapidly. Because of this, it is not feasible for us to keep up to date pricing information in our inventory system. To ease the purchasing process, you should call in to receive a quote on price and delivery time before placing an order. This allows customer service to obtain updated cost and delivery times from purchasing to insure an accurate quote.

Models	Old P/N	New P/N	Optional New P/N
A-300	5610429	10726817	
A-1000	5610389	10507489	
A-1500/1600	5610379	10507024	
A-2600/6000/VPS-2600	5610329	5614979	
XLC-810/1520	5610329	5614979	
LZ-100	10503331S	NA	
A-2542/7000/8000	5610339	5614979	
XLC 800	5615029	NA	
A-4500	5612919	5615029	
A-4600	9022929	5615209	
CBF-21/XLC-140 w/fr. tray	5610509	NA	
TA-21	5610349	5610509	
XLC/MVE 140	5615019S	NA	
TA-60/90	5615019	5615129S	
MVE-230/205 GEN 2	11066890S	NA	
VPS-80	5614019	11066890S	
MVE-204/XLC-230/MVE-230 GEN 1	5615129S	13259353S	
XLC-440	5615139S	NA	
XLC-450	5616729S	NA	
XLC-1110	5615209	NA	
VPS-3500	5611529	5615209	
XLC 1370	5615149	NA	
VPS-3900	5613109	5615149	
LZ-200	10503331S		
XLC 1830	10503331S	10728783S (Hinged)	11916031S (130° Stop Hinge)
XLC-500 GEN 1 (Rounded Corner)	10660934	NA	
XLC/MVE 500 GEN 2 (Square Corner)	10764645S	NA	
XLC-510	10577381	10745145	
XLC/MVE-511 GEN 1	10772320S	NA	
MVE 511 GEN 2	11905024S	NA	
XLC-1200 GEN 1 (Rounded Corner)	10644900	NA	
XLC/MVE 1200 GEN 2 (Square Corner)	10764637S	NA	
XLC-1210	10561346	NA	
XLC-810HE GEN 1	5618379	NA	
XLC18302T/1830HE/1830	10503331S	10728783S (Hinged)	11916031S (130° Stop Hinge)
XLC-1840/1841	10536749S	11087615S	
XLC-1830+	11891478S	11916031S	
XLC-1211	10727414S	11008340S	
MVE-1841 GEN 2	11922369S	NA	
XLC-512	10794107	NA	
XLC-1520 Eterne/1520HE	5618649	NA	
MVE-611	11057395S	NA	
MVE 600	11499791S	NA	
MVE-1400	11561487S	NA	
MVE-1411	11385495S	NA	
MVE810HE/810HE Gen2	11369381S	NA	

MVE TEC 3000 CONTROLLER

Beginning this month, new MVE freezers will be equipped with the TEC3000 controller in place of the TEC2000. See Last month's tech tips for differences between the two controllers. As a result of this change, various retro-fit kit and part numbers will be changing as shown below.

P/N	Description	Details
13319459	TEC-3000 RPL W/TEST DISPLAY	New Controller
13319467	TEC-3000 RPL W/SYMBOLIC DISPLAY	New Controller for Europe
13319475	KIT UPGRADE LCSI CABINET TO TEC-3000	Upgrade for Lakeshore XLC 500 or XLC1200
13319491	KIT UPGRADE LSCI TO TEC3000	Upgrade for Lakeshore standalone unit
13319504	KIT UPGRADE MDC CABINET TO TEC-3000	Upgrade for any MDC cabinet unit
13319512	KIT UPGRADE MDC TO TEC-3000	Replacement for any standalone TEC2000

CHANGE TO SQUARE CANISTERS ON ALUMINUM DEWARs

The 2" square canister that was used in the XLC 47/11-6 with square canisters is being replaced and will no longer be offered. It is being replaced by a slightly large 5 tier canister that can effectively accommodate Nalgene boxes. The available canisters for the XLC 47/11-6 are now the larger canister for wide plastic boxes (P/N 11554720) and the 3" canister for tall plastic boxes (P/N 9719679).

REFURBISHED DEWARs – SALES PRICES, NO OTHER DISCOUNTS

WARRANTY – 1 YEAR VACUUM

QTY	P/N	Description	Price
1	10725451R	RPL SC 20/20	\$ 426.00
2	991800R	RPL SC 3/3	\$ 344.00
22	11837869R	RPL ET 23 JLM	\$ 390.00
24	11507886R	RPL DOBLE 11	\$ 422.00
1	11736179R	RPL SPECTRUM 8	\$ 335.00
12	11736187R	RPL SPECTRUM 12	\$ 340.00
1	11052674R	RPL CRYO SYSTEM 8	\$ 500.00
8	11798273	Cryo Shipper XC Dewar (no C/C or carton)	Check w/Bruce or Dino

NEW UNITS SPECIALS
WARRANTY – 5 year VACUUM

QTY	P/N	Description	Price
3	11702745	SC 16/11 No Labels	\$ 610.96
1	9920829	TECH 35	\$1783.00
4	10979435	Cryo Shipper Mini	\$1742.00
1	9918519	SC 16/11	\$1250.00
8	10531155	SC 2/1	\$ 599.00
3	12923591	EZ Shipper	\$1165.00
1	11534593	C 3/3 No Labels	\$420.84

NEW FACE IN CHART BIOMEDICAL DIVISION

Please welcome Mark Baglia as the newest member to the Bio-Medical family. Mark will be taking on technical service responsibilities and will be reporting to Gil Edwards. Mark comes to Chart as a recent graduate of Georgia Tech with a degree in Biomedical Engineering.

CUSTOMER/TECHNICAL INFO

For copies of past Tech Tips or for more information on maintaining nitrogen storage system please contact Technical Service:

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