

WHAT IS IT?

In the past there have been many questions as to the XLC vs. MVE product line. What is the difference and what are the similarities? I will attempt to answer this as completely as possible.

XLC VS MVE

Product lines used to be known as XLC xxxx but were changed to MVE xxxx to keep the MVE name in product after MVE was bought by Chart. So XLC 1211 became MVE 1211.

BIO SERIES

- AVAILABLE AS A BASIC OR WITH BIO SERIES FULL AUTO
 - BIO I Uses MVE 230 Gen 2 tub
 - BIO II No longer produced
 - Used MVE 511 Gen 2 Tub
 - BIO III Uses MVE 611 tub
 - BIO IV No longer produced
 - Used MVE 1211 tub
 - BIO IV Gen2 Uses MVE 1411 tub
 - BIO V No longer produced
 - Used MVE 1841 tub
 - BIO V Gen 2 Uses MVE 1841 Gen 2 tub

STOCK SERIES

Used mainly by breeders

Except where noted, available as basic or full auto with GB and BB

MVE 140

No autofill available

No annular lines

MVE 230

No autofill available

One annular line

MVE 230 Gen 2

Taller version of MVE 230

Autofill available

Two annular lines

MVE 810

Neck opening ID is 3" smaller than tub ID

MVE 1370

Neck opening ID is 4" smaller than tub ID

MVE 1830

Offset neck (HE style)

MVE 1830 2T

Two level variant of MVE 1830

NON CABINET (OPEN TOP)

MVE 511	no longer produced Loosely based and XLC 500 cabinet model Several used produced as XLC 510 Used drop in lids
MVE 511 Gen 2	Makes the 511 more like the 611 Enclosed wiring Common parts Shorten lift over height
MVE 611	Was never produced as XLC 611 Non cabinet version of MVE 600
MVE 1211	Old style open top Loosely based on XLC 1200 cabinet model Exposed cables Uncommon components Will be discontinued in near future
MVE 1411	Was never produced as XLC 1411 Non cabinet version of MVE 1400
XLC 1840	No longer produced
MVE 1841	No longer produced Stretched version of XLC1840
MVE 1841 Gen2	Made the 1841 more like 1411 Enclosed wiring Common parts

CABINET (OPEN TOP)

XLC 500	No longer produced
XLC 1200	No longer produced
MVE 600	Shares tub with 611
MVE 1400	Share tub with 1411

HE SERIES

Has offset neck for improved performance
-150C vapor performance

MVE 810HE	Older version no longer produced AKA MVE 810HE Gen1 Most would have been called XLC 810HE Based on stock series 810 12-2 rack capacity
MVE 810HE	Current production Was called MVE 810HE Gen 2 at one time Based off MVE 810 Eterne Slightly larger than MVE 810HE Gen 1 Same capacity Enlarged neck for easier sample access 12-2 rack capacity
MVE 810HE+	Stretch version of MVE Eterne but is not validated for -190C vapor storage! 14-2 rack capacity

MVE 1520HE

Based on an old XLC 1520 stock series (no longer produced)
Several produced as XLC 1520HE
13-2 capacity

MVE 1520HE+

Stretch version of MVE 1520 Eterne **but is not validated for -190C vapor storage**

MVE 1520HE Gen 2

Rectangular dividers provide more storage space

MVE 1520HE Gen2+

Stretched version of MVE 1520HE Gen2

MVE 1830HE

Current production models are "2004" variants
Lower lift over height
Ergonomic lid handle
Folding two level step
All "2004" variants had older versions with same nomenclature except for "2004"

MVE 1830HE 2004

Stretched versions of MVE 1830 stock
13-2 rack capacity

MVE 1830HE+ 2004

Stretched version of the MVE 1830 **Eterne but is not validated for -190C vapor storage!**
15-2 rack capacity

MVE 1830HE Gen2 2004

Rectangular dividers provide more storage space

ETERNE SERIES

Based on HE series
Has aluminum turn tray
-190 vapor storage
Used to be called HE-190 i.e.; MVE 1830 Eterne was MVE 1830HE-190

MVE 810 Eterne

Based on MVE 810HE
12-2 rack capacity

MVE 1520 Eterne

Based on MVE 1520HE
13-2 rack capacity
Some produced as MVE 1520HE-185

MVE 1830 Eterne

Based on MVE 1830HE 2004
13-2 rack capacity

EXCESS "R" FREEZER INVENTORY

Attached is our current list of "R" stock units that we have in our Canton facility. These units have been at shows, loaners, inventory in any one of our three global locations and a couple that do not meet temperature specification in vapor. All units have been function tested and would be ready to ship within 2 weeks after an order has been placed. All units carry a 1 year vacuum warranty and a 6 month controller warranty except for the MVE 1830 FA Eterne with a 2004 serial number. This unit is brand new; it will carry a 3 year vacuum and 1 year controller warranty. Please contact customer service for ordering information. This will be handled on a first come first serve basis.

MODEL	S/N	PART #	CONDITION	PRICE
MVE 1841	CEFP05B103	10800790	LIQUID USE	\$9600.00
MVE 140	CDOP04F102	9918669	REFURBISHED	\$1200.00
BIO I	CEUF03B103	11003881	FEW SCRATCHES	\$3500.00
BIO I	CEUF02J106	11003881	FEW SCRATCHES	\$3400.00
BIO I R	CEUA98L103	11003881R	FEW SCRATCHES	\$3100.00
MVE 500F,GB,BB	CDRA96H127	10763941	REFURBISHED	\$3200.00
MVE 500F	CDRH03D105	10763941	BACK CORNER PANELS OFF WHITE	\$3700.00
MVE 500 F	CDRH03D103	10763941	SMALL DENT IN FRONT AND SCRATCHES	\$3700.00
MVE 600 F	CEVB01H110	11499661	SHOW TANK FEW SCRATCHES	\$5750.00
MVE1200FD,GB,BB	CDPE03F102	10783141	REFURBISHED	\$6100.00
MVE1200FD,GB,BB	CEPE03E104	10783141	NEVER UNCRATED	\$6200.00
MVE 1200 F R	CEPE03F106	10763829R	SMALL DENT LOWER REAR PANEL	\$6200.00
MVE 1200 F R	CEPE03F103	10763829R	DENT LOWER LEFT FRONT	\$6200.00
MVE 1200 F R	CEPE03F101	10763829R	DENT LOWER LEFT	\$6200.00
MVE 1520HE F	CDSA98K101	10784056	REFURBISHED	\$7800.00
MVE 1520HE FA	CDSN00K102	10912636	REFURBISHED	\$8000.00
MVE 1520HE FD GB BB	CDSA98J102	10912636	REFURBISHED	\$7900.00
MVE 1520HE FA	CDSR01K104	10811747	REFURBISHED	\$8200.00
MVE 1520 ETERNE FA	CVCD02D104	11360221R	REFURBISHED	\$9500.00
MVE 1830HE FA R	CEMU01E102	10913284R	REFURBISHED	\$15000.00
MVE 1211 F	CEBH04D104	10751377	LIQUID USE	\$7200.00
MVE 1830 ETERNE FA	CVQZ04L101	11915878	NEW	\$19000.00

EXCESS ALUMINUM "R" DEWAR INVENTORY

In addition to the R-stock of freezer units we also have several aluminum dewars available for immediate discounted sale.

REFURBISHED BIOLOGICAL UNITS

SALE PRICES – NO OTHER DISCOUNTS APPLICABLE

ALUMINUM UNITS IN STOCK AS OF 2/15/06

WARRANTY – 1 YEAR VACUUM

QTY	PN#	DESCRIPTION	SELLING PRICE
18	11781800R	RPL Cryo Shipper XC check w/Bruce / Dino for price No C/C or protective carton included	
8	11798273	Cryo Shipper XC Dewar check w/Bruce / Dino for price No C/C or protective carton	
1	11052674R	RPL Cryo System 8	\$ 500.00
1	11015195R	RPL Cryoshipper EX	\$1265.00
5	11082646r	RPL XC 20	\$ 358.00
1	10719924R	RPL XC 47/11-6	\$ 659.00
1	10829621R	RPL SC 36/32	\$ 512.00
1	11082638R	RPL Mill SC 20	\$ 353.00
1	992053R	RPL XC 10/4-6	\$ 832.00
5	991849R	RPL SC 11/7	\$ 378.00
1	991809R	RPL LAB 30	\$ 415.00

NEW UNITS – SLOW MOVERS or OBSOLETE IN NA BRANCH

WARRANTY- 5 YEAR VACUUM

QTY	PN#	DESCRIPTION	LIST / SELLING PRICE
2	11702745	SC 16/11 No Labels	\$610.96
1	9920829	TECH 35	\$1783.00
4	10979435	Cryo Shipper Mini	\$1742.00
10	11647432	Cryo Shipper w/o blocks & Shipping Container	\$1349.00
3	9918519	SC 16/11	\$1250.00
8	10531155	SC 2/1	\$599.00
4	12923591	EZ Shipper	\$1165.00

NEW UNITS LEFT IN CA BRANCH

1	11534593	SC 3/3 No Labels	\$420.84
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CUSTOMER/TECHNICAL SERVICE

Technical Service Phone: 952-758-8411
770-257-1293
612-382-6678 Cell

Customer Service Phone: 800-482-2473 Toll Free
770-257-1299

Fax: 888-932-2473 Toll Free
770-257-1300