

CRYOSYSTEM 6000 GOES TO ANTARCTICA

The National Oceanic and Atmospheric Administration (NOAA) utilizes a CryoSystem 6000 to maintain data acquisition equipment at temperatures as low as -90°C . Their equipment (used to measure temperature, wind velocity, and humidity) need to be kept relatively warm to ensure accurate readings. To accomplish this, the NOAA immersed their equipment in a warm oil bath inside the CryoSystem. The vacuum insulated dewar reliably keeps the heat out in cryogenic conditions, in this application it does the opposite as well. Below are photos were taken in the middle of the summer in Antarctica.

Arrival at the South Pole



Recording equipment



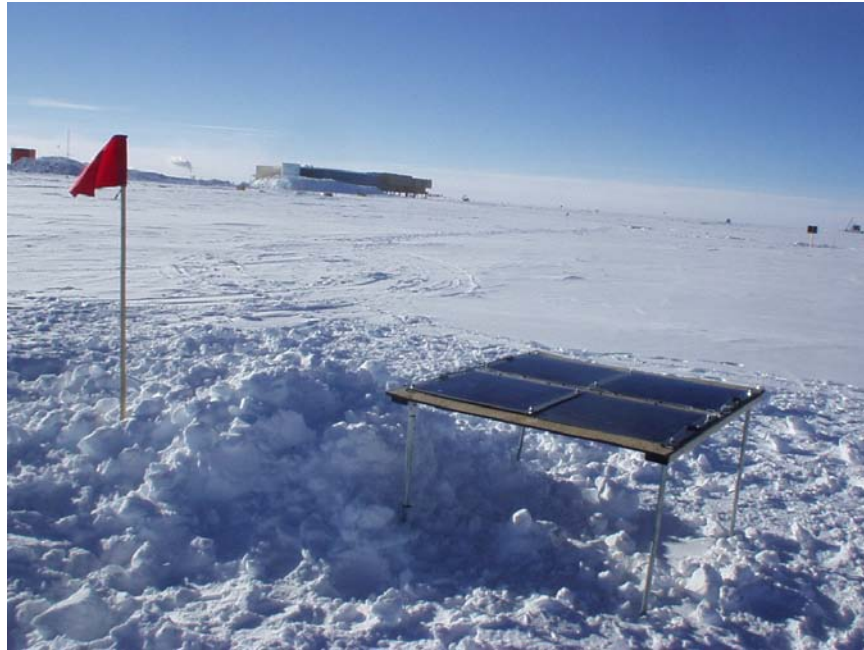
Connecting solar panels



Connecting solar panel to instruments inside CryoSystem 6000



Site at South Pole Station



Thanks to Tony Hanson and Magee Scientific Company for supplying the information and photos.

DATALOGGER PASSWORD CHANGE

The Shipslog has a fully indexed help system which details most questions associated with the Shipslog. Below is an excerpt on changing the password.

1. Select Change Passwords from the Utilities menu.
2. Enter your user ID, if prompted.
3. Enter your existing password when prompted.
4. Edit your password as required.
 - A password must be at least 5 characters long.
 - All printable characters are valid
 - Alphabetic characters may or may not be case sensitive. The password entry screen will show the case requirement.
 - On entry to Change Passwords, your current password will be hidden, for security. Click the Show box to reveal it.
5. Select Save Password to confirm the change.

REFURBISHED BIOLOGICAL UNITS

SALE PRICES – NO OTHER DISCOUNTS APPLICABLE
 ALUMINUM UNITS IN STOCK AS OF 6/26/06
 WARRANTY – 1 YEAR VACUUM

QTY	P/N	DESCRIPTION	SELLING PRICE
2	10725451R	RPL SC 20/20	\$ 426.00
6	11082646R	RPL Mill XC 20	\$ 358.00
2	991800R	RPL SC 3/3	\$ 344.00
9	991849R	RPL SC 11/7	\$ 378.00
1	10829621R	RPL SC 36/32	\$ 512.00
54	11837869R	RPL ET 23 JLM	\$ 390.00
1	991806R	RPL XC 33/22	\$ 498.00
2	992053R	RPL XC 10/4-6	\$ 832.00
1	11016649R	RPL SC 20/3V	\$ 727.00
35	11507886R	RPL DOBLE 11	\$ 422.00
1	11736179R	RPL SPECTRUM 8	\$ 335.00
12	11736187R	RPL SPECTRUM 12	\$ 340.00
1	10756338R	RPL LAB 20	\$ 363.00
1	991809R	RPL LAB 30	\$ 415.00
2	991810R	RPL LAB 50	\$ 566.50
1	11052674R	RPL CRYO SYSTEM 8	\$ 500.00
8	11798273	Cryo Shipper XC Dewar	
	check w/Bruce / Dino for price		No C/C or protective carton

NEW UNITS – SLOW MOVERS or OBSOLETE IN NA BRANCH
 WARRANTY- 5 YEAR VACUUM

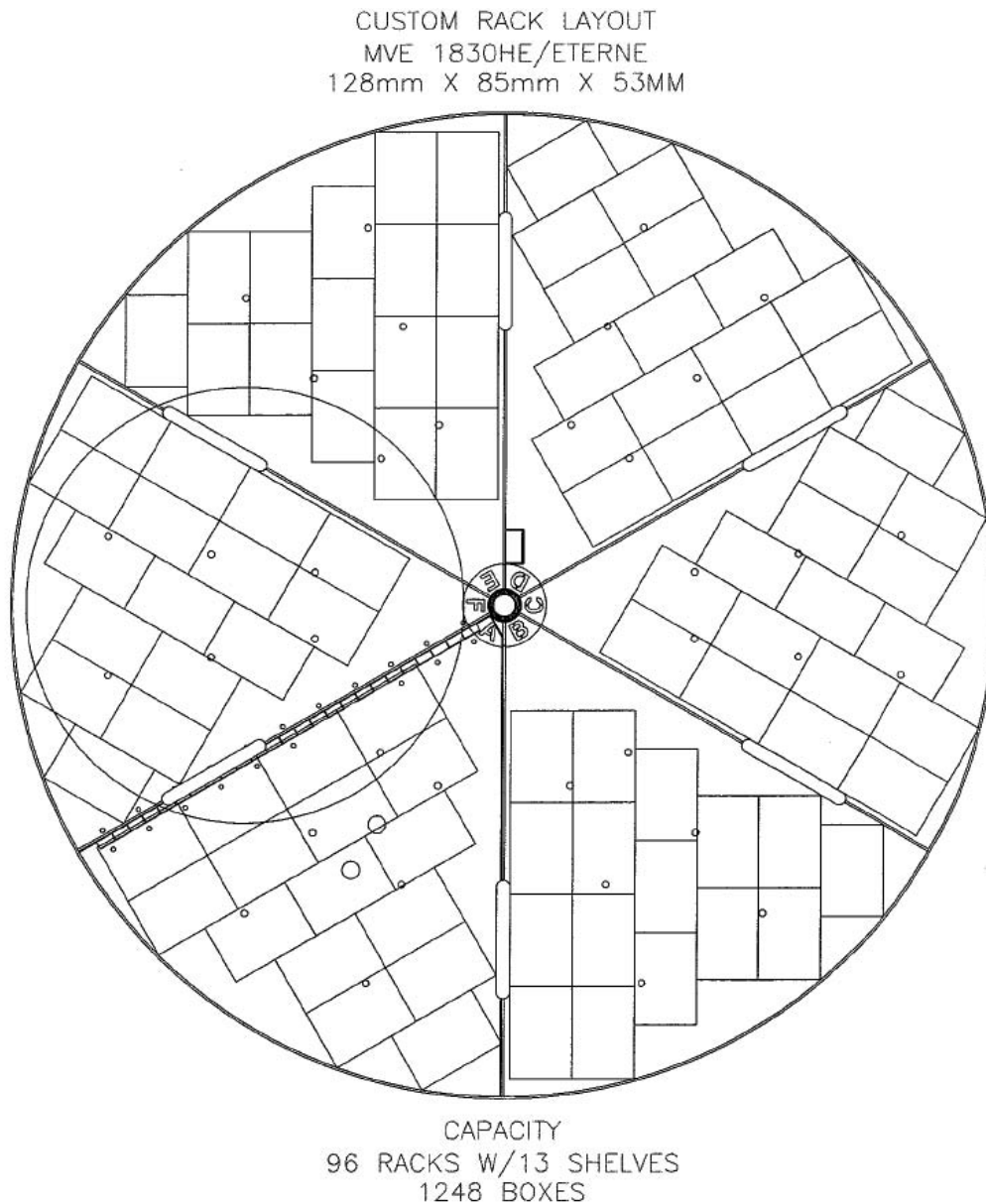
QTY	P/N	DESCRIPTION	SELLING PRICE
3	11702745	SC 16/11 No Labels	\$ 610.96
1	9920829	TECH 35	\$1783.00
4	10979435	Cryo Shipper Mini	\$1742.00
10	11647432	Cryo Shipper w/o blocks & Shipping Container	\$1349.00
2	9918519	SC 16/11	\$1250.00
8	10531155	SC 2/1	\$ 599.00
4	12923591	EZ Shipper	\$1165.00

NEW UNITS LEFT IN CA BRANCH

QTY	P/N	DESCRIPTION	SELLING PRICE
1	11534593	SC 3/3 No Labels	\$420.84

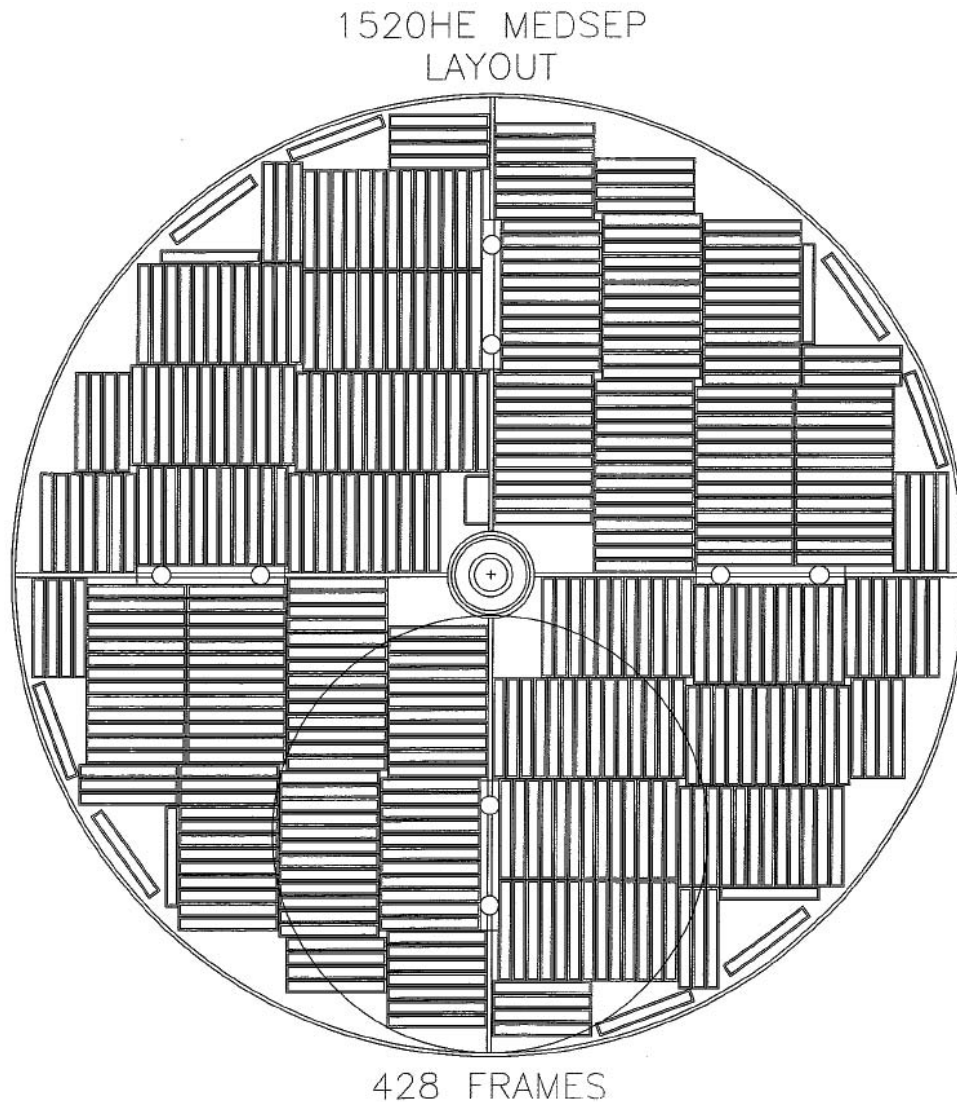
NEW CHART RACK

Although developed for Europe, the new rack is available for purchase by domestic customers. This 13/2 rack will accept a 5" X 3.3" X 2"H box. We do not supply the rectangular box. The racks will be available at \$39.65 each as a special order. Attached is what a layout configuration may look like in an MVE 1830HE.



REQUEST FOR PAL BLOODBAG CASSETTES

PAL and MEDSEP bags are essentially the same; therefore the MEDSEP cassettes and frames can be used for the PAL blood bags. Below is a layout in a MVE Layouts for all other models are available upon request.



NEW TECHNICAL SERVICE MEMBER

Mark Baglia has joined Chart as a technical service representative. He will be taking over Gil Edwards' former position. Please welcome Mark as he settles into his new role.

CUSTOMER/TECHNICAL INFO

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

USA: 800 482 2473
Europe : +44 1344 403100
Asia/Australia: +61 297 494333