

University of Antwerp purchases their fourth MVE storage vessel



The University of Antwerp have had to extend their existing storage capacity, and as they are so pleased with the MVE high efficiency vessels that they purchased a fourth dry vapour phase system MVE1536. This dry vapour phase storage system includes racks for vials and ensures storage at liquid nitrogen temperatures without the risk of cross contamination.

Change-over device for Hospital in Calais



In cooperation with Dohmeyer NV of Belgium Cryo Solutions has installed a switch over device for pressure tanks in the service basement of the Hospital in Calais France. From this unit, vacuum insulated piping runs up to the IVF centre in the second floor where - cryopreservation takes places.

By means of this unit the gas supplier can replace pressure tanks without bothering the IVF department.

Cryo Solutions at Het Instrument 2012



This year's edition of the largest laboratory equipment exhibition in the Netherlands was once again a great success for Cryo Solutions. The exhibition took place in the RAI Exhibition Centre in Amsterdam. During the exhibition we presented the new IVF storage vessel MVE816, and the new wireless Planer DATAcentre alarm and monitoring system.

LABORAMA

2013 March 14-15

Groot-Bijgaarden

You can find us
at stand number
2-D16

Participation at Laborama

Cryo Solutions will of course be attending the latest Laborama show which is to take place on 14th and 15th of March in Brussels. Come and talk to us there with all your questions and wants regarding equipment, repairs, service or other issues like liquid gas deliveries. Our stand number is 2 D16.



Visit our website for all our products and services:



Modification of an existing cryobank in Amsterdam



Sanquin

one of the larger cryobanks in the Netherlands and Sanquin was so pleased with our previous work that they chose us to perform this up-grade. We are proud to have such a satisfied customer!

The Sanquin blood bank in Amsterdam has asked Cryo Solutions to update their existing cryobank with vacuum insulated piping. The biological storage has grown so much that an extension of the existing cryobank was necessary. This is now

Refurbished Taylor Wharton 17K & a Planer 560 for Romania



In cooperation with Luncescu Engineering Cryo solutions has delivered and installed a refurbished Taylor Wharton 17K and a refurbished Planer 560 controlled rate freezer. The local medical centre needed a controlled rate freezer and biological storage tank but sufficient funding was difficult. Cryo Solutions had the right answer, refurbished equipment which is as new and comes with the same warranty as new ones. The unit is also supplied with a computer and software for both the CRF and Mowden AFT controller.

Refurbished Planer 750 for University Medical Centre Utrecht



UMC Utrecht purchased a refurbished Planer 750 computer freezer from Cryo Solutions. The university medical centre had to replace a failing controlled rate freezer of a competitor but lacked sufficient funding. Cryo Solutions had the right solution, a refurbished CRF. After this up-grade the CRF is as new with the same warranty as a new one. The unit is supplied with a computer and DeltaTiQ software.

Taylor Wharton 24K vessels for the University Medical Centre Groningen (UMCG)



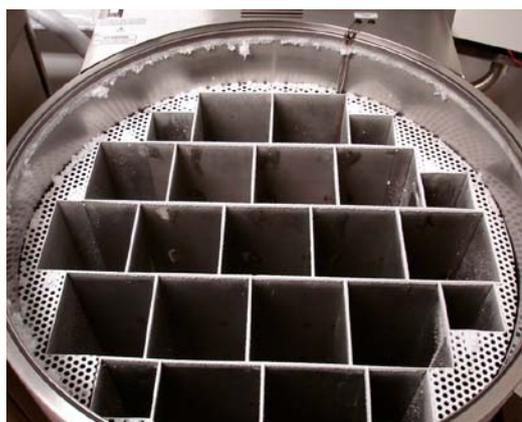
The UMCG needed (for their existing cryobank which was installed by Cryo Solutions) a new Taylor Wharton 24K vessel to extend their storage capacity. For this they chose a vessel with a dry vapour phase storage system and they now have several tanks to their full satisfaction.

Shipment of samples to Tübingen Germany



A research group in Amsterdam is moving to Germany and they were surging for the right partner to help them move their samples to southern Germany. They needed the samples to be moved at liquid nitrogen temperature and they also wanted to have temperature logging. Cryo Logistics was the best partner for this and so they choose Cryo Solutions.

University Hospital Leuven purchases 3rd MVE1426 storage vessel



The UZ Gasthuisberg in Leuven was so pleased with its earlier deliveries by Cryo Solutions that it has placed yet another order. They opted for a third dry vapour phase system MVE1426 – the same as previously purchased. This dry vapour phase storage system includes racks for blood bags and so ensures that one can store at liquid nitrogen temperatures without the samples being in touch with liquid nitrogen - and thereby minimizing the chance of cross contamination.

CSK food enrichment purchases “dry” MVE wide neck vessels

CSK has purchased several MVE wide neck vessels with “dry” frames - this in order to minimize and spread risks of vital samples, as if one vessel fails there are plenty of back-up options, the vials being spread over the different MVE616 and MVE205 vessels. CSK was already familiar with these systems and in the past they have purchased several “dry” storage MVE1426 vessels.



Cryo Solutions appointed as an approved apprenticeship



Cryo Solutions supports Ronald McDonald Children’s Fund



Product info

The universal automatic filling unit – Cryofill

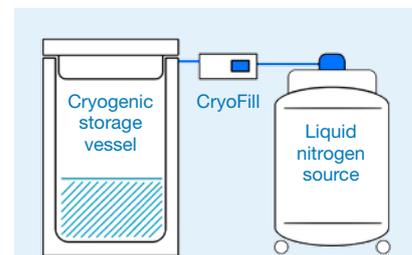
“The best of two worlds”

In the world of cryogenic filling units we have two industry standards for measuring and controlling the liquid nitrogen level: the 4 point level sensor and the pressure differential measurement method.

In practice one comes across both systems and in many cases a cryobank consists of a mixture of each system, as every manufacturer of storage vessels uses its own system and controller. This causes problems when one needs to connect the different controllers in a cryobank for simultaneous filling or degas sequences.

Cryo Solutions has developed a new automatic filling unit for biological storage vessels which can operate with both known standards and therefore we can up-grade any existing vessel to one standard controller. This means that you will have the big advantage of selecting the type of vessel most suited for your application no matter which brand or type you choose - (wide neck for easy access or the high efficiency turn table. And as well as that you can upgrade all your existing vessels with the same unit regardless of which system they operate on, and in doing so you will optimise the control of your biological storage.

The setting, status, events and alarms are displayed on a TFT touch screen display and are very easy to read. The alarm will be displayed in a different colour on the TFT display for easy recognition and an audible alarm will sound. The unit is also equipped with a remote NC/NO contact. The unit itself does its internal logging on a SD card and optionally the unit can be connected to a remote alarm system such as Planer's assure24seven, Reassure or Xiltrix through a Ethernet/ LAN connection, RS485 or USB



Normal operation:

LN2 Level: 115mm
Temp. A -196°C
Temp. B -162°C

Menu

Fill

Example of an alarm:

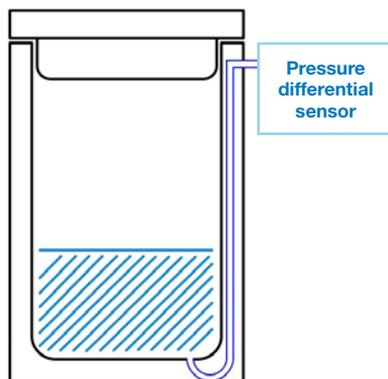
Temp. B Low Alarm

LN2 Level: 92mm
Temp. A -184°C
Temp. B -128°C

Menu

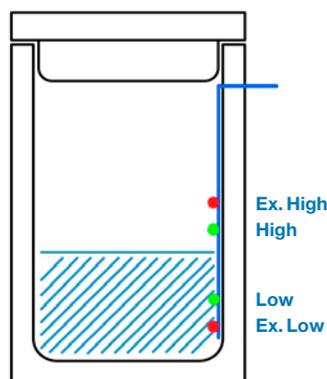
Mute

Pressure-Differential measurement:



+ Precise level indication

Four-Point NTC measurement:



+ Very simple, basic level indication

Want to know more about the Cryofill filling unit?

Please feel free to contact us. You can reach us by phone (+31)73 620 54 50 or via email at info@cryosolutions.nl