

MVE8162T-190 IVF vessel for LUMC



The IVF department of the university medical centre in Leiden has chosen the special IVF vessels from MVE. They evaluated their existing “dry” storage systems (wide neck vessels) but for their storage expansion they opted for this vessel because it has the most effective storage per square meter.

Additional to this it has a much better temperature range and stability: in fact it’s the only vessel in the market with a guaranteed -180°C to +190°C storage profile, even with the lid open for long periods.

The MVE816 2T is equipped with our latest CryoFill controller. The MVE816 2T is fast becoming the new standard for storage in “dry” gas phase for the IVF market.

Cryobank with 3 MVE1536 for Utrecht

The University Medical Centre of Utrecht had to extend their existing storage capacity, and after evaluation they choose for three MVE1536 High Efficiency vessels. This dry vapour phase storage system ensures storage at liquid nitrogen temperatures without the risk of cross contamination.

Other benefits are the high capacity per square metre footprint and the low nitrogen consumption. Next to the vessels Cryo Solutions was also asked to install a small cryobank installation. The installation consists of vacuum insulated piping (VIP), oxygen monitoring and a PLC controlled switch over device.



LABORAMA 2014



VAKBEURS VOOR DE
LABORATORIUMPROFESSORAL

Groot-Bijgaarden
20 en 21 maart

Visit us at booth 2B16



Participation at Laborama 2014

Given the excellent response and the enjoyable nature of the even Cryo Solutions will of course be attending the latest Laborama show which is to take place in Brussels on the 20th and 21th of March. Come and talk to us there with all your questions and wants regarding equipment, repairs, service or other issues like liquid gas deliveries. Our booth number is 2 B16.

Visit our website for all our products and services:



Refurbished MVE1841 with CryoFill



A department of a university medical centre needed to upgrade their existing two Taylor Wharton 38K vessels to the “dry” storage system and they needed a new vessel in the same size but their wasn’t sufficient funding. Again Cryo Solutions had the right solution, one refurbished MVE1841 vessel with our new Cryo-Fill controller and installing “dry” frames in the two existing vessels.

MVE8162T-190 IVF vessel for UZ Leuven



The IVF department of the university medical centre in Leuven had a major problem with one of their existing vessels, they contacted Cryo Solutions and asked if it was possible to deliver a MVE816 2T-190 immediately. As Cryo Solutions BV always have vessels on stock for our 24H back-up contracts we could help UZ Leuven with a brand new tank and have it in operation in no time at all and thereby saving their samples.

MVE1536 for Leiden



The Leiden University Medical Centre had to extend their existing storage capacity, and as they are so pleased with the benefits MVE high efficiency vessels that they purchased a MVE1536 and they are making it their new standard. This dry vapour phase storage system ensures storage at liquid nitrogen temperatures without the risk of cross contamination. Other benefits are the high capacity per square metre footprint and the low nitrogen consumption compared to their previous standard the Taylor Wharton 24K.

LABTECHNOLOGY
2014 4-5 June 2014
Utrecht

Cryo Solutions at LAB technology 2014

Labtechnology 2014 at the exhibition grounds Jaarbeurs in Utrecht will be taking place on 4th and 5th of June. Come and talk to us there with all your questions and wishes regarding equipment, repairs, service or other issues such as liquid gas deliveries. We will be cooperating with:

salmerkipp
GILSON

eshre Munich, Germany
29 June to 2 July 2014

Cryo Solutions at ESHRE 2014

Cryo Solutions will be attending the latest ESHRE annual meeting in Munich taking place from the 29th of June till the 2nd of July 2014. We will be showing our latest CryoFill controller with connection to Alarm Monitoring systems such as ReAssure of Planer and Xiltrix of IKS. Furthermore we will demonstrate our specially designed inventory system for the MVE816 2T storage vessel. Come and talk to us there with all your questions and wishes regarding equipment, repairs, service or other issues such as cryogenic installations and biobanking.



Refurbished CBS V3000 for ModiQuest Research B.V.



Cryo solutions has delivered and installed a refurbished CBS V3000 vessel. Modiquest needed an affordable “dry” biological storage vessel up to the latest standard but not too expensive. Cryo Solutions had the right answer, refurbished equipment which is as new with an complete new CryoFill controller and comes with the same warranty as new ones.



In 2014 Cryo Solutions will also be present at the following Seminars and Exhibitions:



WOTS 2014

30 September - 3 October
Jaarbeurs Utrecht



EBMT 2014

30 March - 2 April 2014
Milan, Italy

2 MVE8162T-190 IVF vessels for Utrecht



Also the IVF department of the university medical centre in Utrecht opted for the IVF specific vessels from MVE. They asked several competitors to send in their proposals and after evaluating these they opted for this vessel because it has the most effective and easiest inventory system.

The inventory system is very easy to work with and the straws do not have to leave the -190°C environment when a user searches for the right sample. In fact one can freeze the straws with semen in the vessel itself in a special freezing tray, and move them inside the vessel into the storage boxes.



Cryo Logistics on site delivery of Liquid Nitrogen

Cryo Solutions is a specialist in cryogenic applications such as liquid nitrogen, we can help you with all your cryogenic activities.

Product info

The universal automatic filling unit – Cryofill

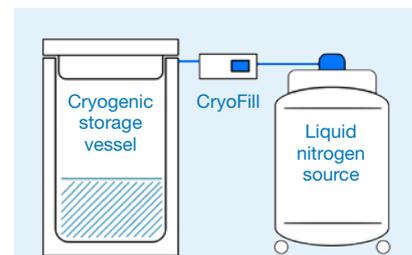
“The best of two worlds”

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:

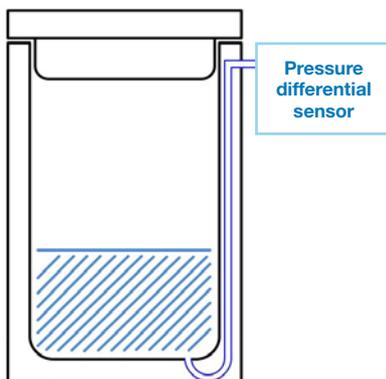
Temp. B Low Alarm

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

Menu

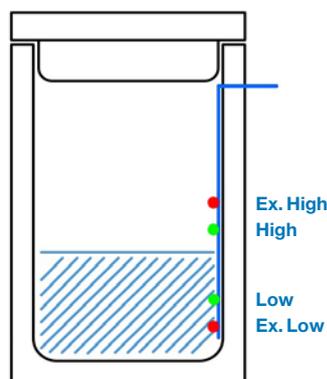
Mute

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