



## CryoFill: refurbish your existing vessels

Today a lot of laboratories have older bio storage vessels which while physically still in a good condition have outdated electronics. A good and affordable up-date is to replace old automatic filling units with a new CryoFill. Carrying out this procedure we can also replace the solenoids, pressure relief valves and hoses - so you are up to date for many years to come without expensive investment.

This new state of the art CryoFill can also be connected to existing alarm monitoring systems such as XiltriX, BT2000 and Planer's Reassure so you can read the date from the CryoFill in real time. This is especially handy should you have an alarm during a weekend. You can access the CryoFill remotely from the comfort of your home to check the need for immediate intervention without having to go to the lab to check the vessel locally!



Cryo Solutions will be present at the following exhibitions:



**41st Annual Meeting of the European Society for Blood and Marrow Transplantation**

22 - 25 March 2015  
Istanbul, Turkey



In Cooperation with  
Chart Biomedical:  
[www.chartbiomed.com](http://www.chartbiomed.com)

## CryoMove



We have a new service for moving your samples and/or biobank. For some time we have often been asked to help clients move their samples, either in their storage tanks or in rental tanks, from one location to another - even internationally. Now we can help with a service that will transport your samples in a bio storage vessel under the best conditions. During this transport we can monitor and alarm the temperatures (under FDA approved conditions) and we will have a back-up pressure tank filled with liquid Nitrogen so we can refill a tank in any emergency. This is another fine example of our One Stop Shopping!



Visit us at stand 2-C28

**Laborama 2015: trade fair for laboratory professionals**

19 - 20 March 2015  
Brussels Kart Expo, Belgium



### WUR new cryogenic installation



Cryo Solutions has recently engineered a “state of the art” cryogenic installation for Wageningen University; it is for filling pressure tanks on several different departmental floors. The question the university asked was: “Can you improve our workability / logistics and safety and at the same time cut down on our running costs?” Another question was raised at the same time: “Can you make it possible to see who is withdrawing liquid nitrogen when?” The new installation we engineered was as follows. From the bulk tank outside, vacuum insulated piping VIP was run into the building and to each department floor, where a pressure tank was installed as a fixed Nitrogen local supply point. By doing this, the whole logistics of moving pressure tanks became obsolete and so we reduce costs and improve safety.



The filling of the pressure tanks is done automatically by our own design PLC switchboard panel with 4” tft colour touchscreen. When someone wants to withdraw liquid nitrogen they need to push a “dead man’s button” - liquid nitrogen will only flow when this button is activated - thereby increasing safety. The whole system is also equipped with Oxygen level detection, emergency stop buttons and a main shut down valve at the bulk tank for maximum safety.

With our new PLC controlled switchboard panel we can do all of the above and we have a Modbus module so other alarm and monitoring systems can be connected in to see when parts of the installation are used and for how long. It also reads the levels of nitrogen in the different pressure tanks at each floor.

Cryo Solutions will be present at the following exhibitions:



Lab Safety Event 2015 (FHI)

2 June 2015  
Reehorst Ede, Netherlands



Eshre Annual Meeting 2015

14-17 June 2015  
Lisbon, Portugal

PLANER *Mortek as*

In Cooperation with  
Planer PLC and Mortek AS:  
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### Safetyset+

For the upcoming Laborama exhibition this year we have a special offer for a Safety+ Set. This set consists of Cryogenic Gloves, Apron and Face protection supplemented with a portable O2 detection on a key cord.

You can order this set for only € 550 (excl. VAT incl. shipping costs). When ordering a set mention ‘LABORAMA 2015’ for this special price.

