

CryoSafe: the automatic filling unit for pressure tanks



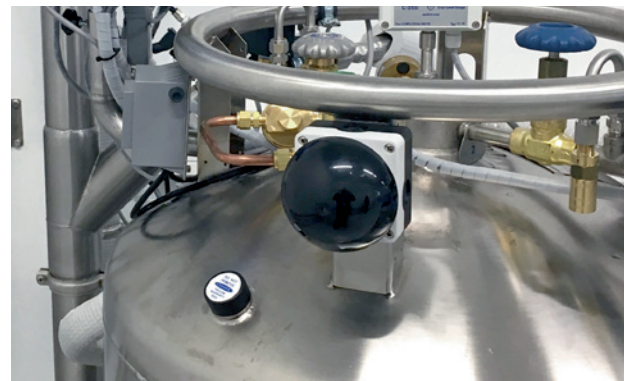
The CryoSafe is a special version the CryoFill especially designed for fully automatic filling of a movable pressure tank when stationed within a cryo-biobank (fixed positions) or when next to filling of the pressure tank also the filling of smaller aluminium dewars, dryshipper and/or small open dewars is required.

The biggest advantage of this is that the pressure tank with CryoSafe can be fully integrated with the bio repository and filling can be done in sequence with the degas and simultaneous filling of the biobank - thereby saving liquid nitrogen.

“DEADMANS” BUTTON

Additionally the CryoSafe can be equipped with a “deadmans” button for safely manually withdrawing liquid nitrogen. The user can only withdraw liquid nitrogen while pushing the button.

The deadmans filling button can be supplemented with a stainless steel filling box with drip- overflow tray is available, making filling of smaller open dewars even safer.



SOFTWARE FOR EXTRA SAFETY

Also we have a special software feature when working a device like a controlled rate freezer CRF, Electron microscope and/or radiation measuring equipment and filling of the pressure tank might disturb the proper functioning of these devices. This enables the user to work safely with a pressure tank for multipurpose use and prevents any alarms or other problems when doing a freezing run.



CryoSafe automatic filling unit

THE ADVANTAGES

+	Withdrawal of liquid Nitrogen at a low pressure
+	No direct "open" connection with a bulk tank
+	Only manual withdrawal when button is pressed
+	Synchronisation with the rest of the cryogenic installation to lower Nitrogen consumption
+	Emergency back-up supply in you biobank
+	Can be fitted on existing pressure tanks of any brand and/or type
+	Remote real time readout option when connected to Alarm monitoring system (XiltriX)

COMES COMPLETE WITH:

- CryoSafe control box, mounting plate, solenoids, sensor and pressure relief valve.
- A capacitive probe
- Cryogenic hose
- Front display with your own OEM logo

OPTIONS FOR:

- "Deadmans" filling option
- Stainless steel filling cabinet incl. drip tray
- Cryogenic hose with handle bar and phase separator
- Fill by pass software feature

