

DeTech Poised To Revolutionize Cryogenic Asset Protection in IVF, Biotechnology, & Pharmaceutical With Patented Solution

DeTech developed the first cryogenic tank monitoring solution with fault tolerance down to the sensor level. It will revolutionize mobile LN2 asset protection.

HEBRON, CONNECTICUT, USA, September 6, 2022 /EINPresswire.com/ -- Liquid nitrogen is instrumental in the preservation of invaluable products and research. The existing Conventional monitoring solutions are far from ideal. The industries that DeTech has focused its solution on

became painfully aware of this fact following the [2018 incidents resulted in the tragic loss](#) of thousands of specimens and multiple lawsuits. DeTech has developed a solution that will transform the way cryogenic storage assets are monitored and protected in the future. Through

“

We are proud to provide the Industry peace mind. Knowing valuable eggs, embryos, specimens and other irreplaceable research has the best available protection with DeTech's industry first features.”

Mark Langley, CEO / co-founder



Leveraging predictive analytics to maximize our patented sensor array

an array of close proximity sensors, DeTech's patented solution employs state-of-the-art technology that has resulted in our exclusive industry-first features of protection:

- * Industry first predictive analytics for LN2 consumption. (Monitor your cost of usage)
- * Industry first app based QR code container condition view. (IOS and Android)
- * Industry first, automated tank fill notification, email, text. (Sticking of tank contents no longer needed)

Provides ROI from day one of installation. (web based ROI calculator)

- * Industry first, automated tank fill audit trail reporting.
- * Industry first, audit of LN2 usage amounts per tank / monthly / yearly consumption.
- * Industry first, unauthorized additional weight alert notification of items placed on tank. Prevents delayed refill alerts. □
- * Real-time monitoring - cloud-based dashboard and app-based interface. (iOS and Android)
- * 3 to 5 second latent fill Mode - minimizes the chance of LN2 spill-over causing thermal stress to outside of tanks and vacuum O-ring seal.

Minimizing tank stress and optimizing tank viability. Minimizing waste of LN2 enhancing safety protocol.

- * Industry first watchdog sensor level alert notification - provides local audible alarms at the sensor level and the ability to integrate with any existing BMS and or monitored alarm systems to ensure notifications reach end users if cloud communication is lost.

- * Up to 6 independent telemetry points. IE. exterior surface temperature, proximity humidity sensors with enhanced weight-based telemetry and more.

At Another Level Of Monitoring



We are familiar with this approach..

... here is another way to look at it.

Tank Levels at your fingertips



DETECH A SUPERIOR SOLUTION

PROFESSIONAL SOLUTIONS FOR SERIOUS ASSET PROTECTION

We are your experts in providing the right solutions for all your mobile LN2 Dewar monitoring.

FINALLY PEACE OF MIND

DeTech
Cryogenically Cool Place For Your Assets

HOW CAN WE HELP

Scan here to Learn more

Info@detechus.com

Hebron, Ct. 06248

www.detechus.com

DOCUMENTATION
DeTech has developed effective online predictive analytics for actionable data and complete visibility of each tank. The web portal interface is designed with the clients needs in mind with fill history, corrective action reports and more

CHECKS AND BALANCES
We have overcome the long standing obstacles to security, reliability and the peace of mind that must be afforded to lives in waiting as well as irreplaceable research specimens. We have even eliminated the need to stick your tanks.

SIMPLISTICALLY COMPLEX™
An innovative unparalleled protection option for the IVF, Pharma and Biotech industries. There is truly no other mobile LN2 containment monitoring solution that exists today that can provide the level of protection that just two of our six telemetry points do.

SEE US AT ASRM 2022 BOOTH 1441

“Our solution not only meets the College of American Pathologists’ protocol requirements but also has additional layers of protection that no other product in the industry can offer. It’s a first, and we are very proud to finally be able to provide consumers and labs with the peace of mind that their valuable eggs embryos, specimens, and other irreplaceable research samples demand. This is truly unparalleled protection,” said Mark Langley, CEO and co-founder of DeTech.

About DeTech: DeTech is a Connecticut based cryogenic technology company that was founded by Mark and Ric Langley after two catastrophic storage containment failures occurred within the IVF industry in 2018. Having extensive experience in this field, the founders set out to identify the deficiencies that caused these failures and create a better asset protection system. Because of our unique patented solution and the projected growth of the LN2 industry as quoted in [Market-Watch DeTech](#) seeks strategic alliances with industry leaders in asset protection in order to keep pace with the projected demand for our superior approach.

DeTech will be showcasing its liquid nitrogen (LN2) monitoring solution at the ASRM (Advanced Study For Reproductive Medicine) Scientific Congress & Expo in Anaheim, California from 24 - 26 of October ~ Booth #1441

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