



# DLS3 CONTROLLER

## Liquid Nitrogen Control System

The DLS3 Controller is designed to maintain the liquid nitrogen level inside the freezer within the low-level and high-level range defined. The controller monitors the temperature inside the freezer with up to two PT100 probes. It provides logs to monitor temperature, level, and other notable events.

The DLS3 Control System uses Level-Safe detection technology based on comparing a primary differential pressure (DP) level to a secondary thermistor-based level. This allows the controller to diagnose faulty level values from scenarios like a DP line becoming blocked or an improper calibration.

## Features

- Real-time Temperature and Liquid Level Monitoring
- SMS Text and Email Alerts
- LN2 Fill Scheduling – End-User Programmable
- Graphic Visualization of Historical Events
- Audible & Visual Alert System - Cloud and Wi-Fi Compatible
- Up to 30 years of Data available

