

LIFE SCIENCE TECHNOLOGY INSTRUMENTS

Alarms

CryoLert™ LN₂ Level Sensing Tank Alarm

Biogenics developed CryoLert in response to demand for an economical, true level-reading tank alarm system. Research shows that to provide true protection to valuable biological specimens, an alarm should monitor cryogenic refrigerant level rather than tank temperature. The CryoLert continuously monitors actual liquid nitrogen level and allows the practitioner to specify an alarm point based on canister exposure out of LN₂.

CryoLert liquid nitrogen alarm alerts the practitioner both audibly and visibly when LN₂ levels fall below a pre-set point of safety or if the sensor or power has failed. LN₂ levels routinely decrease due to slow evaporation or deteriorated vessel vacuums. Often, these levels drop rapidly without warning.

The CryoLert was engineered with many features, including power failure indicator with auto reset, relay contacts for an external alarm, and an LN₂ fill timer which disables alarm outputs thus preventing false alarms while filling the vessel or manipulating specimens.

PRODUCT CODE: BGC



CRYOLERT FEATURES:

- Audible 15-minute warning if power to the unit is interrupted
- Separate green and red LEDs for LN₂ high or low conditions respectively
- 100% indication of all possible faulty sensor conditions
- Resettable "Fill Timeout" button providing 5 minutes of interruption for filling or extraction
- Relay output for an external alarm or automatic telephone dialer system*
- 12-volt output to power an external alarm or remote device
- "Silence" button to stop power failure warning signal
- Multiple CryoLerts can be operated from one uninterruptable power supply*
- Automatic reset after power is restored
- Safe, low DC voltage operation

* Optional-available through Biogenics