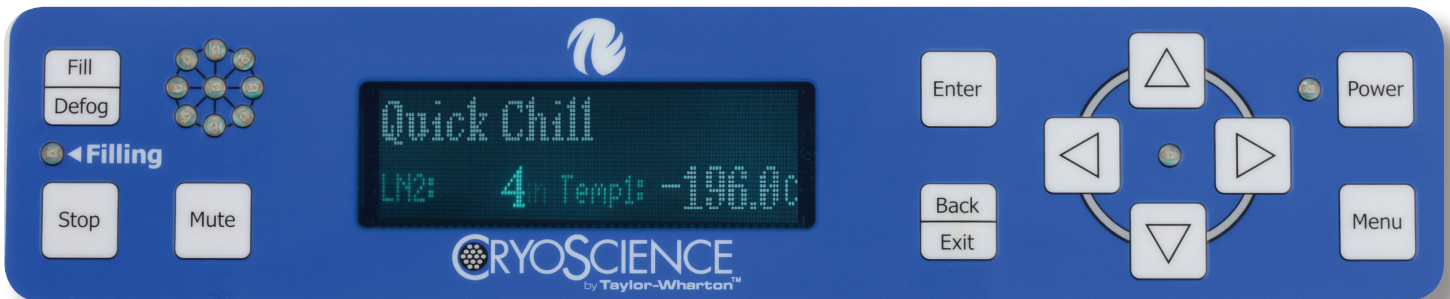


## CS Series CONTROL SYSTEM



### CS200

### Intuitive LN<sub>2</sub> Control Technology

#### **Control:**

- Four (4) variable level settings allow increased control for both alarm and fill level settings.
- Flexible time intervals for automatic defog allow for quicker viewing of stored samples.
- Proprietary Freezeguard sensor actively controls and protects against overfilling.
- Quick Chill feature provides an operator defined temperature recovery LN<sub>2</sub> filling after the lid is closed.
- LN<sub>2</sub> management can be controlled through operator defined scheduled fillings.

#### **Monitor:**

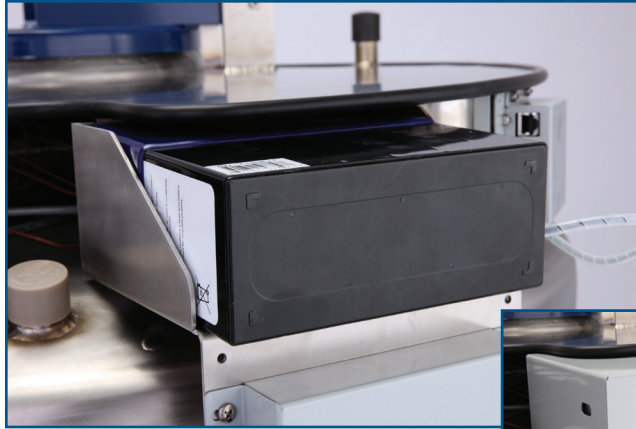
- Monitoring of temperature via a Type T Thermocouple with two (2) channel connections.
- Monitoring of liquid level with a thermistor assembly featuring a 6" (150MM) level range with a + 1/ - 0.0 in. (+25/-0.0MM) of accuracy.
- Monitoring of temperature and level can be displayed in C, F, K and R.
- Display features Vacuum Fluorescent Display (VFD) providing a brighter display graphic and increased visibility at wider angles.
- Cryowire Secure communications provides a flexible, secure and robust communication solutions to all alarm conditions.

#### **Secure:**

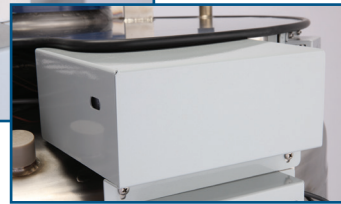
- Enhanced security with customizable password and system access.
- Up to 500,000 recent events are securely stored including temperatures, LN<sub>2</sub> levels, system events, system access and system alarms.
- Audible and visual status wheel indicator provide increased notification and security of key operational outputs.
- Optional battery back-up provides increased security of samples with up to three days of full operation in the event of a power failure.



## CS Series CONTROL SYSTEM



Fully enclosed and protected battery back-up (optional) provides up to 72 hours of fully operational capability, including automatic LN<sub>2</sub> filling.



Secured protective battery cover



Solidly constructed enclosure with recessed display mount provides increased protection of electronics. The adjustable mounting post allows for greater viewing and operation of key features and functions.



Key primary and auxiliary electrical connections for 12 VDC power, optional 12-volt battery back-up, remote alarm and three (3) communication channels are easily identified and accessible.



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