

# CRYOSCIENCE

by **Taylor-Wharton**<sup>TM</sup>

## Controllers



### ***The Kryos Controller***

The Kryos Controller is Fully Automatic and is used on both the LABS and K Series cryogenic freezers. This Controller is used for both Liquid and Vapor Phase storage. The Kryos includes a full complement of alarms that are user selectable from the Control Panel. Fifteen years of events are recorded on the Kryos, including Temperature, Alarms and System Events.



The Kryos has on screen diagnostics and the manual is not required to use the intuitive Controller. Dependable Thermistors and a Thermacouple provide data to control the system.

A unique Freezeguard Sensor, actively controls and protect against potential overfills. The Lid Switch adds the user friendly AutoDefog feature, Quick Chill and Lid Open alarm.

A Battery Back-Up option is available that will keep the system fully operating in the event of a power failure and 4-20ma output option provides a separate Temperature Alarm. Two-Way communication is available using Cryocom.



### ***The AutoTend-TL Controller***

The AutoTend Controller offers simplicity in form and function. This Control is available on both the K and the LS Series.

Automatic liquid level control with the Temperature readout and a limited number of alarms complement this economical solution for your Cryostorage requirements.





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Features	Kryos	AutoTend
User-Friendly Control Panel	X	X
Automatic Fill	X	X
Manual Start Fill/Stop Fill	X	X
High Temp Alarm	X	X
Extra High Level Alarm (1)	X	X
Extra Low Level Alarm (1)	X	X
Remote Alarm	X	X
Sensor Fault	X	X
Audible & Visual Alarm Indication	X	X
Alarm Mute/Remote Alarm Test Circuit	X	X
Low LN <sub>2</sub> Supply Alarm	X	X
24 Vac Power Supply with Transformer UL/CSA Certified (2)	X	X
Vacuum Fluorescent Display	X	
Thermistor-Based Level Control	X	X
Lid Open Alarm	X	
Security Password Protection	X	
Convenient RS232 Data Port	X	X
Computer/Recorder/Printer/Compatible	X	X
Temperature Control	X	
Temperature Monitoring	X	X
15 Year Data Logger	X	
Freezer Guard & Splash Guard Protection	X	
Auto Defog	X	
Quick Chill	X	
On-Screen Diagnostics	X	
Two-Way Communications Capable	X	X
24 Month Limited Warranty	X	X



## Taylor-Wharton

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