

Cryo-Temp



New ultra low temperature data recorder, records temperatures as low as -86°C. The Cryo-Temp can be used in a broad line of applications such as monitoring blood plasma, vaccines, pharmaceuticals, frozen foods and shipping containers. This stand-alone device does not require any additional probes. The enclosure is designed with a handle for easy attachment and is splash proof. It utilizes a USB docking station to communicate with a personal computer. (USB docking station sold separately) The Cryo-Temp provides date and time stamped temperature readings and uses the Data Logging Software. The user can view the data in graphical or tabular form. High and low alarm limits and high and low warning limits can be programmed through the software. The user can set the alarm limits in the range required for the goods to be maintained. The warn limits can be set to alert the user when the temperature is nearing a high or low alarm limit. The Cryo-Temp is equipped with three LEDs. The green LED will blink every 15 seconds while the recorder is logging. The yellow LED will blink every 3 seconds when the temperature has breached the warning limits. The red LED will blink every 3 seconds when the temperature alarm has been breached. The Cryo-Temp is the ideal temperature monitoring solution for any application involving low temperature recording.



Procédés, Test et Mesure, Métrologie, Automation

Applications

Cold Chain • Low Temperature Monitoring • Dry Ice Shipment/Storage • Shipping and Storage Applications • Meat Shipping • Stem Cell Shipping and Storage

Specifications

Sensor: Thermistor

Temperature Range: -86°C to +35°C
(-122.8°F to +95°F)

Temperature Resolution: 0.1°C (0.18°F)

Calibrated Accuracy: ±1.0°C
(1.8°F)

Memory: 32767

Sampling Rate: 5 seconds up to 30 minutes

Required Interface Package: IFC300

Typical Battery Life: 2 years typical @ 25°C, 1 min.
reading intervals
1 year typical @ -80°C, 1 min.
reading intervals

Operating Environment: -86°C to +35°C (-122.8°F to
+95°F), 0 to 95%RH

Material: ABS plastic

Dimensions: 3.3" x 2.1" x 0.4", (83mm x 54mm x
11mm)

Single/Multi-Use: Multi-use

CE Approval: Yes

Weight: 1.4oz.