

iMini PLUS DRY ICE Reusable Data Logger

The iMini Plus Dry Ice Logger is capable of measuring and recording extreme temperatures from -100°C to 40°C. It is the ideal solution for ensuring safe transport and storage of perishables held in dry ice, ranging from pharmaceuticals, biologicals, human/animal tissue, clinical trials, enzymes, serums and/or food and beverage, among others.

Features

- ✓ *Temperature range of -100°C to 40°C (-148°F to 104°F)*
- ✓ *1 meter Teflon cable connects stainless steel temperature probe to the data logger*
- ✓ *Start & stop button on the face of the unit*
- ✓ *Bookmarking capabilities*
- ✓ *Large LCD Display with multifunctional viewing*
- ✓ *Large memory capacity; 8048 readings*
- ✓ *Available as a single trip or multi-use unit*



Certifications

2 Year Warranty **21 CFR Part 11** **EN12830 Compliant**

bsi. **CE**

Product Specifications

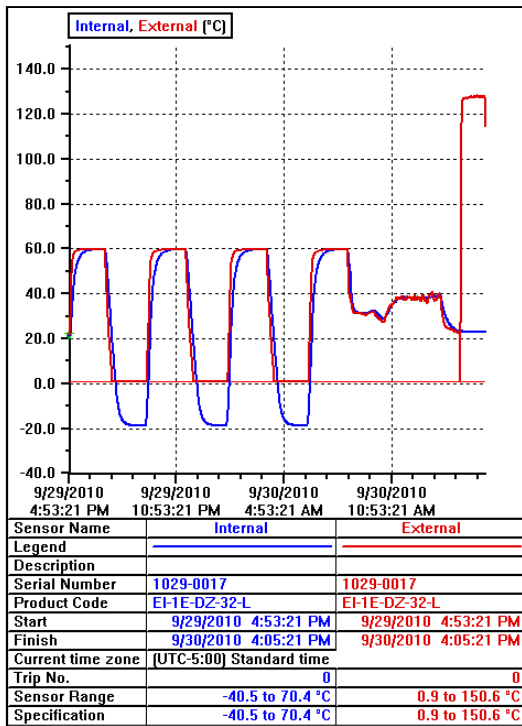
Description	Specifications
Product Code	MP-OE-N-8-L (multi-use), MP-ST-N-8-L (single trip)
Memory Options	8048 Readings
Program Interval	5 seconds-18 hours
Time Accuracy	+/- 1 minute per month
Sensors	External
Temperature Range	-100°C to 40°C (-148° to 104°F)
Temperature Accuracy	From -100°C to -80°C +/-1.0°C (-148°F to -112°F +/- 1.8°F) From -79°C to -10°C +/- 0.7°C (-111°F to 14°F +/- 1.3°F) From -9°C to 40°C +/- 0.6°C (15°F to 104°F +/- 1.0°F)
Resolution	0.1°C (0.1°F)
Sensor Response Time	T90 of 5 minutes
LCD Operating Range	-20°C to 70°C (-4°F to 158°F)
Alarm Thresholds	Two
Alarm Configuration	High & low
Bookmark	Yes
Preprogram Option	User programmable; preprogramming available
Start Option	Push button and/or timer
Auto Restart	No
Start Delay	Yes
Stop Option	Yes (button can be disabled)
Size	83x57x17mm (excluding lug & external sensor)
Weight	70 grams (including battery)
Case Material	Polycarbonate/ABS
Battery	User replaceable lithium battery; 3v coin cell
IP Rating	IP 64 (with DB9 cap on)
Warranty	2 year excluding battery (multi-use) 1 trip excluding battery (single trip)
Calibration	NIST traceable upon request
Accuracy Certificate	Yes
Other Certification	ISO 9001:2008, CE, RoHS, EN 12830
Battery Life	1-2 years (depending on usage)
Interface	USB to serial
Software	Console Pro
Default File Format	.LCF
Data Export	TXT, CSV, SYLK & LCF
Security	Password protected (programmable using Console Pro Software)

Console Pro Software Features

- Program and configure logger
- Download & view data analysis
- View current readings
- Export data in CSV & TXT format
- Re-arm function
- Password protected
- CFR 21 part 11

Reading & Summary

Graph



Index	Elapsed Time	Date	Time	Freezer (°C)
Serial Number				1301-0011
H/w version				2.2x
Trip No.				1
Description				
Battery				92.5 %
Original time zone				(UTC+8:00) Standard time
Current time zone				(UTC-5:00) Standard time
Start				6/17/2013 5:00:00 AM
Finish				6/17/2013 9:35:00 PM
Sampling				5 Minutes
Readings				200 (995 Minutes)
Active				-40.5 to 70.4 °C
Specification				-35.0 to -15.0 °C
Average				-20.5
Highest				24.7
Lowest				-24.9
PHI Aerobic				0.74
PHI Anaerobic				0.52
MKT				-1.01
Total No. of Pulses				-342.94
Growing Degree Day				0.0
Out Of Specification				80 Minutes
				10 Minutes from -14.9 to -10.0
				5 Minutes from -9.9 to -5.0
				5 Minutes from -4.9 to 0.0
				450 Seconds from 0.1 to 5.0
				5 Minutes from 5.1 to 10.0
				5 Minutes from 10.1 to 15.0
				5 Minutes from 15.1 to 20.0
				2250 Seconds from 20.1 to 25.0
1	00:00:00	6/17/2013	5:00:00 AM	1.8
2	00:05:00	6/17/2013	5:05:00 AM	-1.5
3	00:10:00	6/17/2013	5:10:00 AM	-7.7
4	00:15:00	6/17/2013	5:15:00 AM	-11.6
5	00:20:00	6/17/2013	5:20:00 AM	-14.7
6	00:25:00	6/17/2013	5:25:00 AM	-16.9
7	00:30:00	6/17/2013	5:30:00 AM	-18.5

Views

Links

Description	Details
<input checked="" type="checkbox"/> 1301-0011	6/17/2013 6:0...
<input checked="" type="checkbox"/> Freezer	-40.5 to 70.4 °C
<input checked="" type="checkbox"/> 0111-5555	8/24/2012 4:4...
<input checked="" type="checkbox"/> Air Temp	-40.5 to 70.4 °C
<input checked="" type="checkbox"/> Humidity	0 to 100 %RH
<input checked="" type="checkbox"/> QLD CHILLER (0127-3...	7/24/2012 6:0...
<input checked="" type="checkbox"/> Internal	-40.5 to 70.4 °C
<input checked="" type="checkbox"/> 0133-008	12/17/2012 1...
<input checked="" type="checkbox"/> Internal	0.9 to 125 °C
<input checked="" type="checkbox"/> External	25 to 150.6 °C

Analysis

ABOUT CRYOPAK

Cryopak is a cold chain solutions provider for the pharmaceutical, life sciences, biotech and food industries. The company manufactures items for temperature-sensitive shipping needs, including insulated shipping containers, gel packs, phase change materials and temperature monitoring devices, and also offers package design and testing services in its ISTA certified labs. Cryopak delivers superior products and service from an industry-leading team of experts whose primary goal is to ensure and protect product integrity.

Cryopak is headquartered in Edison, New Jersey, with locations across the United States, Canada, Panama and France.



To Request a Quote

QC / Maritimes / Ontario

1.888.423.7251

sales@cryopak.com

www.cryopak.ca

Western Canada

1.800.667.2532

sales@cryopak.com

www.cryopak.ca

