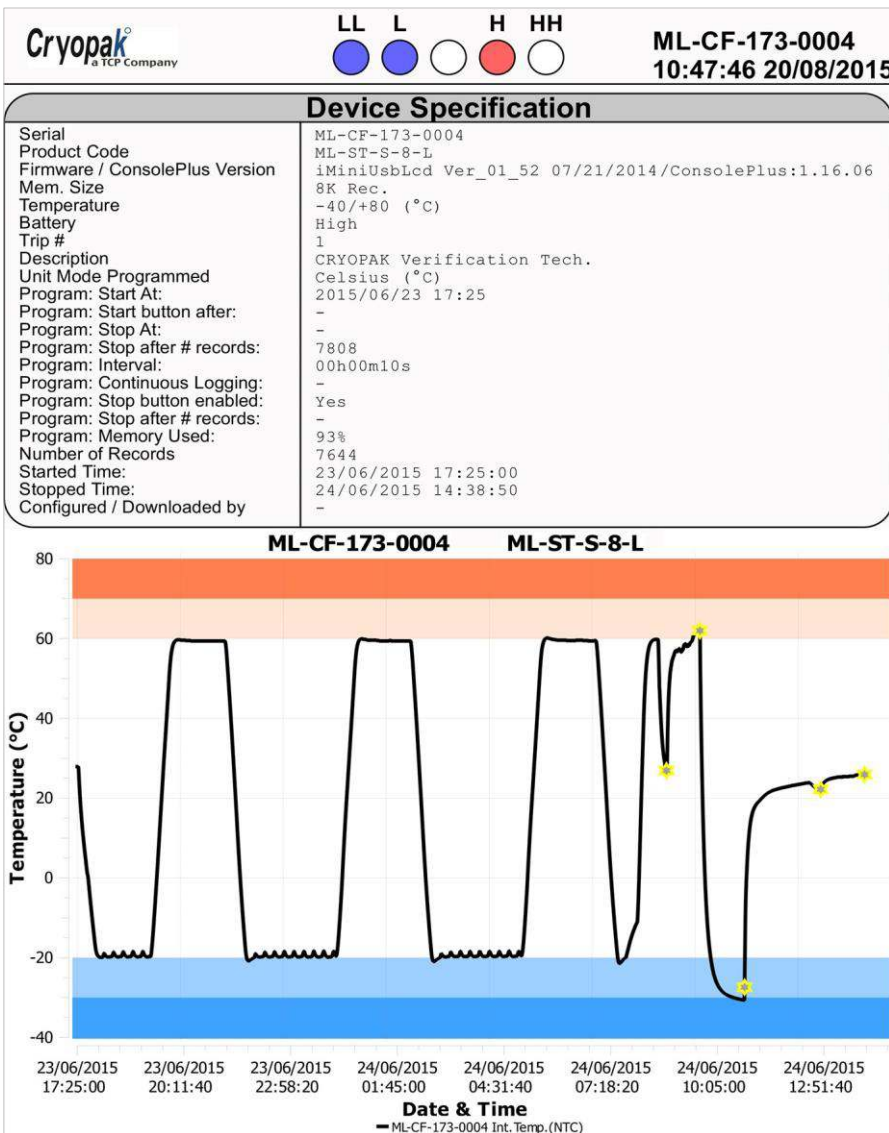# iMINI LCD

Cryopak introduces the **iMINI LCD** temperature data logger, a single-trip device with a large LCD screen for easy viewing of real-time temperature. To start the device, simply press the start button and let the iMINI LCD do the rest. Cryopak data loggers are the simple and smart way to monitor your supply chain.

LL L   H HH

ML-CF-173-0004
10:47:46 20/08/2015

Device Specification

Serial	ML-CF-173-0004
Product Code	ML-ST-S-8-L
Firmware / ConsolePlus Version	iMiniUsbLcd Ver_01_52 07/21/2014/ConsolePlus:1.16.06
Mem. Size	8K Rec.
Temperature	-40/+80 (°C)
Battery	High
Trip #	1
Description	CRYOPAK Verification Tech.
Unit Mode Programmed	Celsius (°C)
Program: Start At:	2015/06/23 17:25
Program: Start button after:	-
Program: Stop At:	-
Program: Stop after # records:	7808
Program: Interval:	00h00m10s
Program: Continuous Logging:	-
Program: Stop button enabled:	Yes
Program: Stop after # records:	-
Program: Memory Used:	93%
Number of Records	7644
Started Time:	23/06/2015 17:25:00
Stopped Time:	24/06/2015 14:38:50
Configured / Downloaded by	-

ML-CF-173-0004   ML-ST-S-8-L

See reverse side for complete list of product specifications

- Single use logger with large LCD screen
- Pre-programmed to customer specifications
- High accuracy
- Large memory capacity
- 21 CFR compliance
- Compact profile
- Waterproof pouch
- 4 alarm thresholds

Certifications:

bsi.

21 CFR Part 11

CE

NIST Traceable

RoHS Compliant

cryopak.com

Cryopak
a TCP Company

iMINI LCD

Specifications

Description	Specifications
Product Code	ML-ST-S-8-L ML-ST-S-8-L-P (Pharma compliant) 21CFR part 11
Memory Options	8K, 7808 readings
Program Interval	5 seconds to 17 hours
Time Accuracy	±1 hour per year
Sensors	Internal
Temperature Range	-40 ºC to +80 ºC (-40 ºF to +176 ºF)
Temperature Accuracy	±0.5 ºC (-40 ºC to -10 ºC), ±1 ºF (-40 ºF to +14 ºF); ±0.3 ºC (-10 ºC to +80 ºC), ±0.6 ºF (+14 ºF to +176 ºF)
Resolution	0.1 ºC (0.1 ºF)
Sensor Response Time	T90 of 5 minutes in moving air
File Format	PDF, CSV, TXT & CVT
Alarm Thresholds	4 thresholds; 2 Red LEDs, 2 Blue LEDs
Alarm Configuration	HIGH HIGH, HIGH, LOW & LOW LOW
Bookmark	Yes
Preprogram Option	Factory programmed
Start Option	Push button and/or timer
Auto Restart	N/A
Start Delay	Yes, 1 minute to 99 days
Stop Option	Yes, stop button (can be disabled)
Size	68mmx37mmx5mm (without sleeve) 81mmx52mmx5mm (with sleeve)
Weight	23 g
Case Material	Plastic sleeve
Battery	3.0V
IP Rating	IP 67
Warranty	1 Trip
Calibration	A 3 point NIST traceable calibration certificate is available as a pdf download with the ML-ST-S-8-L-P product
Accuracy Certificate	A mass certificate is available upon request for the ML-ST-S-8-L
Other Certification	ISO9001:2008, CE, RoHS
Shelf Life	1 Year
Interface	USB
Software	ConsolePlus
Default File Format	CVT (data can be exported as PDF, CSV, TXT with ConsolePlus)
Security	N/A

Multifunctional Display

LCD displays the highest recorded reading

LCD displays the lowest recorded reading

LCD displays the average reading for the current trip

LCD displays the time above the specified high alarm setting for the current trip

LCD displays the time below the specified low alarm setting for the current trip