MARATHON PRODUCTS

The EDL-LN2™

Digital Dual Sensor Thermal Temperature Data Logger for cryogenic industrial and remote monitoring applications.

The EDL-LN2 is a reliable and cost-effective digital temperature recorder for all industrial and commercial applications. The EDL-LN2 has one sensor for ambient range temperatures inside the case, and one external RTD stainless-steel probe that monitors temperatures from -200°C (-328°F) up to +72°C (+161.6°F), ideal for monitoring all of your cryogenic stem cells and biologic materials.

SKU #7011 with straight probe.

These high-precision laboratory-grade products will operate up to 3 years without a battery change. The LCD display provides real time viewing of ambient and remote temperature prior to downloading to a computer.

The internal firmware is user programmable and provides the following features: start time delay, sampling intervals, high and low alarm window values, recording status, and measurement data.

All our data loggers have the ability to program alarm limits. Should the temperature reach levels outside these limits, the onboard red LED will light until reset by the user. Operation is as easy as pressing the START button on the recorder.

In conjunction with our MaxiThermal software, you can document your monitoring for your GxP and FDA regulated environment. To download recorded information, simply plug the unit into a PC using a standard USB connector. The USB cable and PC software are available as accessory items.

Temperature Range
Internal Sensor:
-29°C to 72°C
External probe:
-200°C to 72°C

Temperature Accuracy:
(NIST-traceable)
±0.2°C at center of range
±2.0°C at extremes

Memory: 64k

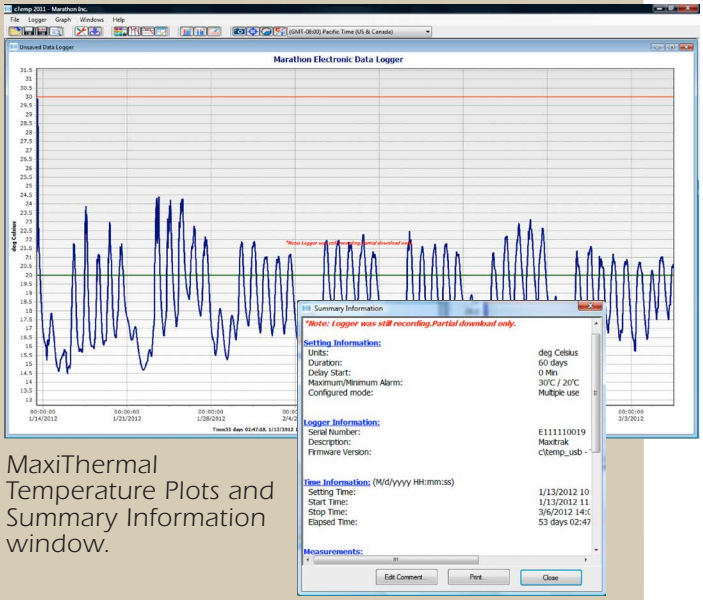
SKU #7034 with detachable probe.

MARATHON PRODUCTS, INC.

Don't ship without us!®

MaxiThermal Software Highlights: Easy-to-use software provides clear graphs. Report Summary & Statistics File Manager, Note Attachment, Zoom, Elapsed Time or Date/Time View, Recorded View, Celsius or Fahrenheit. Data can be exported to other Windows programs such as spreadsheets, word-processing or databases. Available for Windows XP, Vista, 7, 8 and 10.

An Enterprise Software version and 21CFR Part 11 Compliant Software are also available.



MaxiThermal Temperature Plots and Summary Information window.

Calibration:

EDL-LN2 is a laboratory grade multi-use logger with internal NTC and external RTD probe for precision temperature capture. Multi point calibration certificates can be provided for additional costs.

To Order:

SKU# 7011	EDL-LN2 with attached probe
SKU#7034	EDL-LN2 with detachable probe

EDL-LN2 Specifications

Internal Sensor:	Wired chip in glass thermistor
Operating Range	-29°C to +72°C / -20°F to +161°F
Accuracy:	±0.2°C from 2° to 10°C / ±2.0°C at extremes
(NIST-traceable)	±0.4°F from 32° to 50°F / ±3.6°F at extremes
External Probe:	RTD Stainless Steel Tip =12 cm / 4.72 in.; Flexible Teflon-coated Cable = 51 cm / 20 in.
Operating Range:	-200°C to +72°C / -328°F to +161.6°F
Accuracy:	±0.2°C at 0° to 30°C / ±2.0°C at extremes
(NIST-traceable)	±0.4°F at 32° to 86°F / ±3.6°F at extremes
Memory EEPROM, Storage:	64k memory (32k per sensor).
No. of Measurements:	Approximately 64,000.
Measurement Intervals	Programmable from 2 secs per reading.
Computer Interface:	USB port
Power Source:	One CR2477 Lithium coin cell battery with a 3 year operating life and a 5 year shelf life.

Size:	Length	Width	Depth
	9.0 cm / 3.5 in.	5.0 cm / 2 in.	2.8 cm / 1.1 in.

Weight:	95 grams / 3.3 oz.
CE Certified	Yes
Water-resistant:	The product package is hermetically sealed to an IP66 rating.
Required Accessories:	MaxiThermal Software USB Standard A to Mini B cable
Warranty	3 Months
Optional Accessories:	Standard Probe, 3 meter cable with stainless steel tips. Custom probes available up to 10 meters. NIST Certificate + 1, 2 or 3 Point Calibration Mounting bracket

Optional bracket

Optional probe.

Please call 1-510-562-6450

for more information or to place an order.

www.marathonproducts.com

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