

# MARATHON MaxiLog™

*Our Single-use Temperature  
Logger with Real-Time LCD  
Display for Instant TOA (Time  
Over Alarm) Conditions.*

**MaxiLog** is the revolutionary, single-use, user programmable, electronic temperature data recorder specifically designed for measuring temperatures during the transportation of refrigerated vaccines, biological material, chemicals, pharmaceuticals, and for documenting the transportation of perishable commodities. The real-time LCD screen provides instant TOA (Time Over Alarm) notification.

The MaxiLog is NIST-traceable and available with Certificates of Temperature Conformance.

**Functions include:**

- Internal Thermistor: accurately records time and temperatures for user selectable readings in Celsius or Fahrenheit.
- LCD display: Shows High and Low Alarm Limits, Current Temperature, Run Time and TOA (Time Over Alarm) in Days, Hours and Minutes.

**Small Form Factor:** The internal software records the following: time mechanism, start time, sampling intervals, end description for special instructions, alarm values, recording status, measurement data, software version, serial and tracking number, model type, and after the fact report generation options.

**Visual Alarms:** All our data loggers can be programmed with alarm limits. Should the temperature reach levels outside these limits, the LDC will display an alarm icon. To start the recorder, simply press the start button!



**Temperature Range**

- -35°C to +50°C  
(-31°F to +122°F)

**Temperature Accuracy**

- ±0.2°C (±0.36°F)  
from 0° to 10° C  
(30° to 50° F);  
±1.0°C (±1.8°F)  
at extremes

**Measurement Intervals**

2 seconds to months

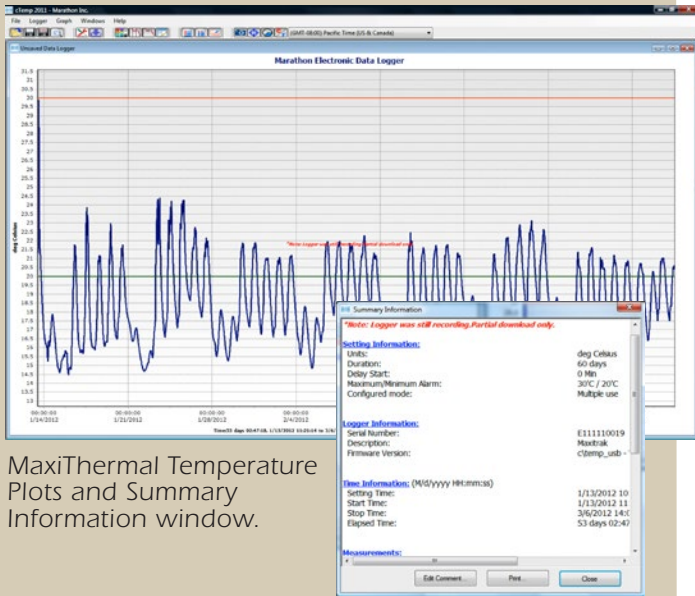
**Number of Measurements**

8K memory (7,680 data pts.)

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 98, NT, 2000, ME, XP, 7 & 8. An Enterprise Software version and 21CFR Part 11 Compliant Software are available.



MaxiThermal Temperature Plots and Summary Information window.

**Serialization:**

This recorder is programmed at the factory with a unique serial number for positive tracking.

**Waterproof Enclosure:**

The product package is hermetically sealed to an IP66 rating.

**Recyclable:**

Single-Use MaxiLog units are designed for single use, and we encourage recycling. Please call Marathon Products for complete disposal or recycling instructions.

**Minimum Order Quantity:**

Single-Use MaxiLog units are sold in minimum lot quantities of 25 units. Your order is shipped on the same day if the order is placed before 2 p.m. PST.

**Options:**

- MaxiThermal software
- USB cradle

**USB Interface:** To download recorded information, simply plug the USB Cradle into the standard USB port of your PC.

**Computer Ready:** MaxiThermal software is used to read the logger. It runs on Windows 2000, XP, Vista, 7 and 8. The MaxiThermal software and USB Cradle are available as separate accessory items.

**MaxiLog Specifications**

- Memory EEPROM, Storage: EEPROM, 8k Storage (7,680 data points)
- Temperature Range: -35°C to +50°C (-31°F to +122°F)
- Temperature Accuracy: ±0.2°C at 0° to 10°C, ±1.0°C at extremes (±0.36°F at 32° to 50° F, ±1.8°F at extremes)
- Measurement Intervals: Pre-programmed from 1 minute to hours depending on model type (duration). For example:
  - 4 days = 0 min. 45 sec.
  - 7 days = 1 min. 18 sec.
  - 16 days = 2 min. 58 sec.
  - 30 days = 5 min. 33 sec.
  - 60 days = 11 min. 6 sec.
  - 90 days = 13 min. 39 sec.
  - 365 days = 1 hr. 4 min. 39 sec.
- Temperature Sensor: NIST-traceable Precision SMT Thermistor
- Indicators: LCD Display. Start/Stop and Alarm
- High and low alarm limits: Alarm set by temperature and time
- Computer Interface: USB Cradle
- Internal Software Provides: Times, Start time, Interval, User description, Alarm values, Recording status, Measurement data, Software version, Serial number, Model type
- Power Source: Lithium Battery (2 year operating, 3 year shelf life)
- Size:

Length	Width	Depth
5.5 cm (2.2 in.)	2.7 cm (1.0 in.)	1.4 cm (0.55 in.)
- Weight: 19 g (2.0 oz.)



USB cradle

**Please call 1-510-562-6450**  
for more information or to place an order.

[www.marathonproducts.com](http://www.marathonproducts.com)

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