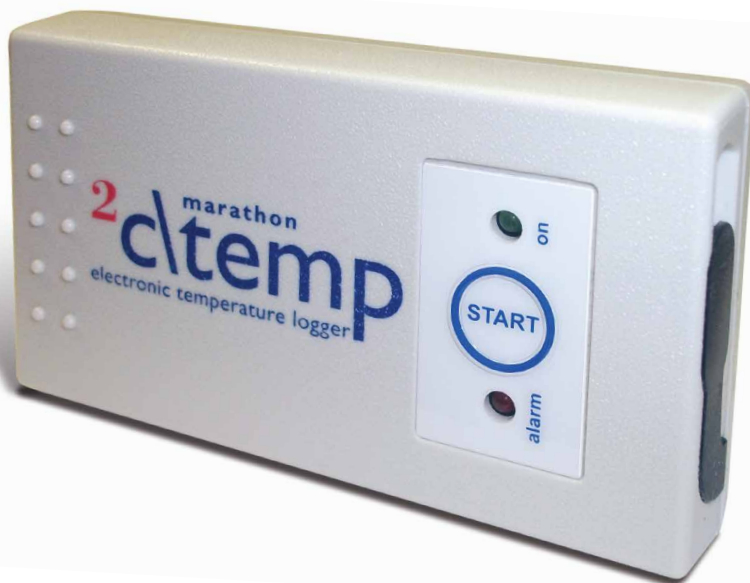# 2c\temp-USB®

Temperature Data logger with USB Connectivity!

The 2c\temp-USB multi-use data logger is a cost-effective solution for temperature monitoring of refrigerated vaccines, biological material, chemicals, pharmaceuticals and documenting the transportation of fruits and vegetables. Its convenient palm-sized design lets it fit into tight quarters.

It is a mid-range data logger with a generous 16k memory and a 3 year battery life. With increased accuracy over the 2c\temp and echo, this is an excellent general purpose data logger.

Functions include: The internal thermistor accurately records time and temperatures for user-selectable readings in Celsius or Fahrenheit. The internal software is user programmable and provides the following features: start time delay, sampling intervals, high and low alarm values, recording status, and measurement data.

Visual alarms: It features the ability to program alarm limits. Should the temperature reach levels outside these limits, the on-board red LED will light until reset by the user. Operation is as easy as pressing the Start button on the recorder.

Computer ready: MaxiThermal software is used to read the logger. It runs on Windows XP, Vista, 7, 8 and 10. To download recorded information, simply plug the unit into the standard USB port of your PC. The MaxiThermal software and USB cable are available as separate accessory items.

Temperature Range
 -29° C to +72° C
 -20° F to +162° F

Temperature Accuracy
 (NIST traceable)
 ±0.2°C at zero degrees
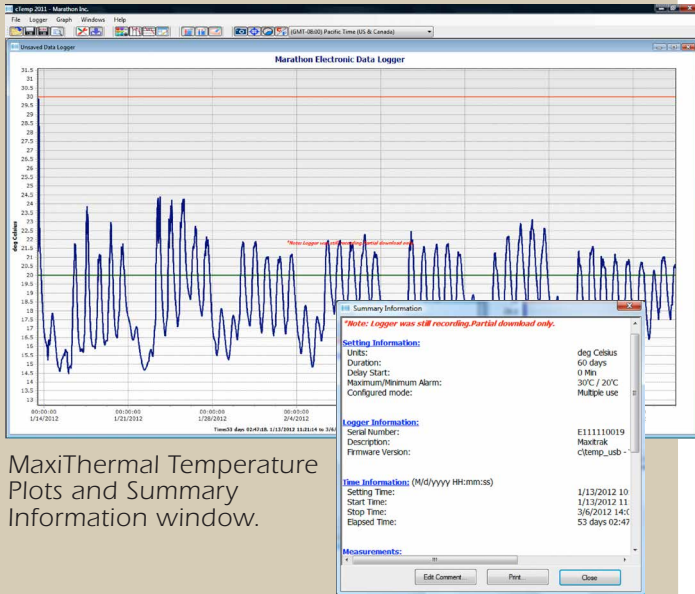 ±2.0°C at extremes

Measurement intervals
 2 seconds to weeks

Memory EEPROM, Storage
 16k memory

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.

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

Water-resistant Enclosure:
The product package is hermetically sealed to an IP66 rating.

Computer Download Capability:
Recorded data can be easily downloaded via standard USB cable and Marathon's Maxi-Thermal software.

2c\temp-USB Specifications SKU #7006

Memory EEPROM, Storage:	16k (approx. 16,000 measurements)
Temperature Range:	-29°C to +72°C / -20°F to +162°F
Temperature Accuracy:	0.5°C at 20°C, 1.0°C at extremes / 0.9°F at 68°F, 1.8°F at extremes
Temperature Resolution:	0.5°C / 0.9°F
Measurement Intervals:	Programmable from 2 seconds to months.
Temperature Sensor:	NIST-traceable Precision Thermistor
High and Low Alarm Limits:	LED indicator and audible alarm set by temperature and time
Internal Clock Accuracy:	Better than 2 minutes per month
Computer Interface:	Mini USB Connector
Internal Firmware Provides:	Internal clock, Start time, Interval, User description, Alarm values, Recording status, Measurement data, Firmware version, Serial number, Model type
Power Source:	One 3.0 Volt Lithium Battery with a 2 year battery life and 3 year shelf life. Battery is rated at six months, if used continuously at -29°C
Size:	9 cm (l) x 5 cm (w) x 2 cm (h) / 3.5 in. (l) x 2 in. (w) x 0.8 in. (h)
Weight:	52.5 g / 1.85 oz.)
Warranty:	12 months
CE Certified:	CE Marking File