

# MARATHON PRODUCTS

# 2C\TEMP-RH™

## Get Temperature & Humidity with Digital Display and USB Connectivity.

The **2C\TEMP-RH** 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.

The 2C\TEMP-RH is our top-of-the-line data logger with dual 8k memory banks for temperature and humidity, 0.2°C midpoint temperature accuracy and resolution, and 3% midpoint humidity accuracy. This is a must have device if you work in a laboratory or metrology department.

**Functions include:** The convenient palm-sized design has a digital display that provides real-time viewing of all temperature and humidity information including min/max temperature and current humidity values. One quick look provides instant product acceptance or "quarantine" decisions. 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:** 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.

**Computer Ready:** Marathon's easy-to-use MaxiThermal software is available for Microsoft Windows XP, Vista, 7, 8 and 10. Simply plug the unit into a standard USB port on your PC. The MaxiThermal software and USB cable are available as separate accessory items.



### Temperature Range

-29° C to +72° C  
-20° F to +160° F

### Temperature Accuracy

(NIST traceable)  
±0.2°C from 0° to 10°C  
±0.5°C at extremes

### Memory EEPROM, Storage

2 banks of 8k memory  
(7680 data points)

### Humidity Range

0% to 100%

### Humidity Accuracy

(NIST traceable)  
±3% from 25% to 75%  
±5% at extremes

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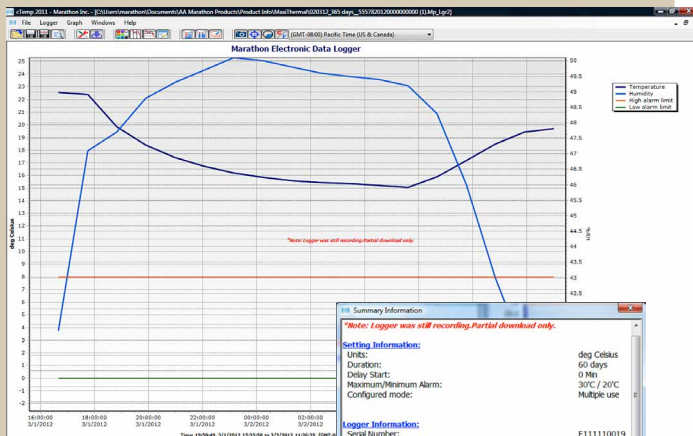


*Don't ship without us!®*

## 2C\TEMP-RH Specifications SKU #7001

**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 & Humidity 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 software.

Memory EEPROM, Storage: 2 banks of 8k memory (approx. 8,000 measurements each)

Temperature Range: -29° C to +72° C / -20° F to +160° F

Temperature Accuracy: ±0.2°C from 0° to 10°C, ±0.5°C at extremes / ±0.4°F from 32° to 50°F, ±0.9°F at extremes

Temperature Resolution: 0.2°C / 0.4°F

Humidity Range: 0% to 100%

Humidity Accuracy: ±3% from 25% to 75%, ±5% at extremes

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 Software Provides: Start time, Interval, User description, Alarm values, Recording status, Measurement data, Software version, Serial number, Model type

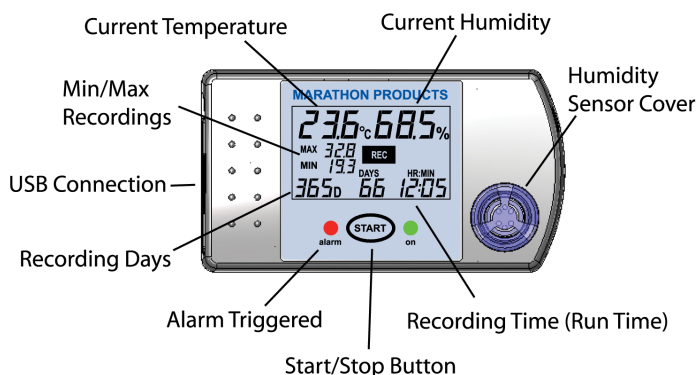
Power Source: One CR2477 Lithium Battery with a 2 year operating life and a 5 year shelf life.

Size: 9.0 cm (l) x 5.0 cm (w) x 2.8 cm (h) / 3.5 in.(l) x 1.96 in.(w) x .1.1 in.(h)

Weight: 85 g / 3 oz.

Warranty: 12 months

CE Certified: CE Marking File



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

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Specifications subject to change without prior notice.