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 tracable)
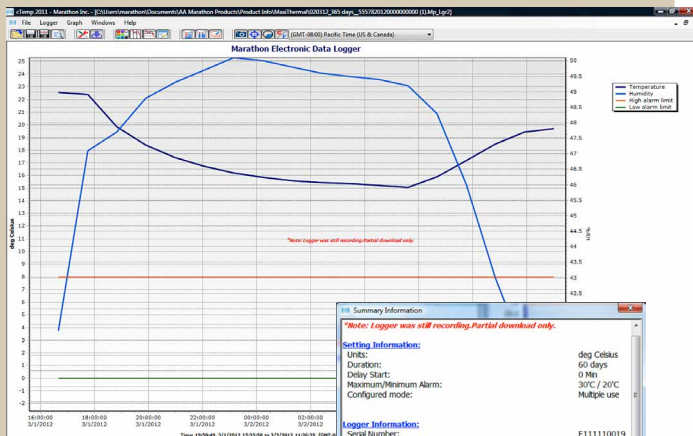±3% from 25% to 75%
±5% at extremes

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 & 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.

2C\TEMP-RH Specifications SKU #7001

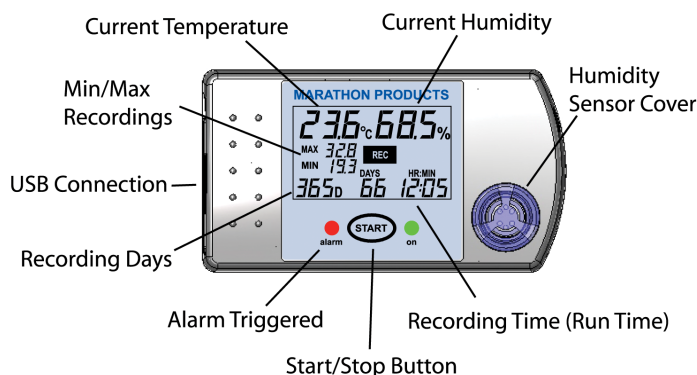|	
Memory EEPROM, Storage:	2 banks of 8k memory (approx. 8,000 measurements each)
Temperature Range:	-29° C to +72° C / -20° F to +160° F
Temperature Accuracy:	±0.2°C from 0° to 10°C, ±0.5°C at extremes / ±0.4°F from 32° to 50°F, ±0.9°F at extremes
Temperature Resolution:	0.2°C / 0.4°F
Humidity Range:	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 CR2450 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

Current Temperature
Current Humidity
Min/Max Recordings
Humidity Sensor Cover
USB Connection
Recording Days
Alarm Triggered
Recording Time (Run Time)
Start/Stop Button

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

www.marathonproducts.com

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