

MARATHON PRODUCTS

3C\TEMP-USB™ & 3C\TEMP-RH™

Our Multi-use Temperature and Humidity Logger with Real-Time LCD Display for Instant Acceptance or Quarantine Decisions.



3C\temp-USB & 3C\TEMP-RH are revolutionary, multi-use, user programmable, electronic temperature data recorders specifically designed for measuring temperatures during the transportation of refrigerated vaccines, biological material, chemicals, pharmaceuticals, and for documenting the transportation of perishable commodities. They are NIST-Traceable and come with Certificates of Conformance.

Functions include:

- Internal Thermistor: accurately records time and temperatures for user selectable readings in Celsius or Fahrenheit.
- LCD display: Real-time viewing of Current temperature, Max /Min Temperature, Run Time, Alarm Status, and Recording.
- The C\TEMP-RH also records relative humidity values.

Small Form Factor: These units have an extended battery life and can endure rough handling. 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 (change to LCD) will display "ALARM." To start the recorder, simply press the start button!

Computer Ready: Marathon's easy-to-use MaxiThermal2 software is available for Microsoft Windows XP, 7, 8, 8.1 & 10. Simply plug the unit into a standard USB port on your PC. The Maxi- Thermal2 software and USB cable are available separately.

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

8k per sensor

Humidity Range

0% to 100%

Humidity Accuracy

(NIST tracable)
±3% from 0% to 80%
±5% from 80% to 100%

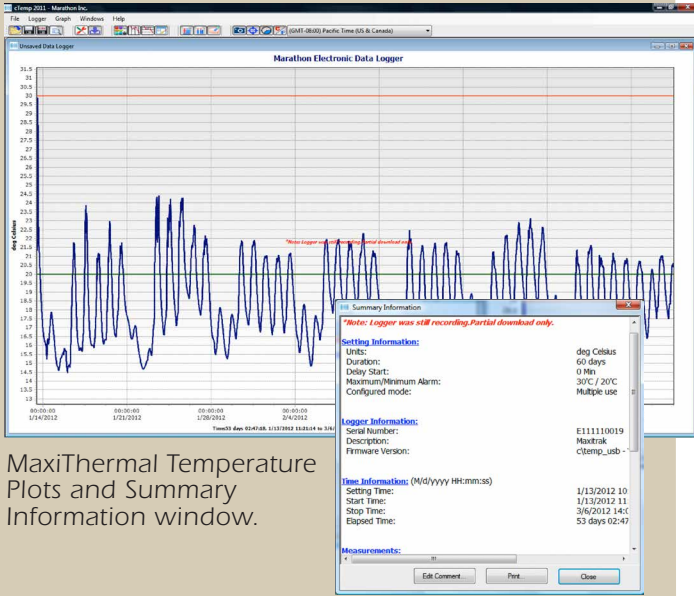
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Don't ship without us!®

MaxiThermal2 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, 7/8/8.1 and Windows 10.



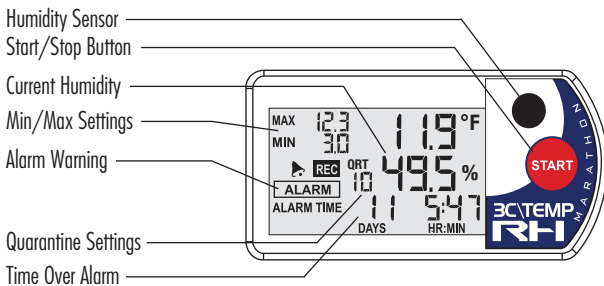
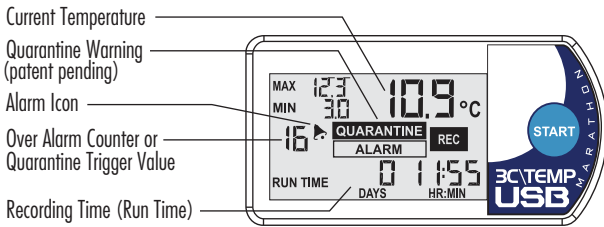
MaxiThermal Temperature Plots and Summary Information window.

3CTEMP-USB & 3CTEMP-RH Specifications

- Memory EEPROM, Storage: 3CTEMP-USB: 8k Temperature
3CTEMP-RH: 8k Temperature, 8K RH
- Temperature Range: -29° C to +72° C / -20° F to +160° F
- Temperature Accuracy: ±0.2° C from 0° C to 10° C, ±0.5° C at extremes
±0.36° F from 32° F to 50° F, ±0.9° F at extremes
- Temperature resolution 0.1° C / 0.18° F
- Temperature Sensor: 3CTEMP-USB: Wired chip in glass thermistor
3CTEMP-RH: MEMS
- Humidity - 3CTEMP-RH only:
 - Humidity sensor CAPACITIVE MEMS
 - Humidity range 0 to 100%
 - Humidity accuracy ±3% from 0 to 80%, ±5% from 80 to 100%
 - Humidity resolution 0.1%
- Measurement Intervals: User programmable from 2 seconds to months.
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 = 16 min. 39 sec.
 - 365 days = 1 hr. 4 min. 39 sec.

- High and low alarm limits: LED indicator
- 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: CR2450 Battery
- Battery Life: 3CTEMP-USB: 3 years, 3CTEMP-RH: 2 years
- Warranty: 12 months
- Size:

	Length	Width	Depth
	6.5 cm (2.5 in.)	3.4 cm (1.3 in.)	0.9 cm (0.35 in.)
- Weight: 33 g (1.16 oz.)
- Options: MaxiThermal2 software
USB Cable
- Waterproof Enclosure: The 3CTEMP-USB is hermetically sealed to an IP66 rating.



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.