

MON-T²

Logistics



READER
INTERFACE

+60°C
-30°C

16000
SAMPLES

Low cost, reliable and easy to use...

Mon T² – Temperature Logger (LCD display and non-display models available)
TempWrite Software (free download from www.temprecord.com)

- ▶ **Accurate & reliable** – Proven Temprecord performance
- ▶ **Applications** – Monitoring of perishable or temperature-sensitive products in transit as part of the cold chain
- ▶ Download via standard Temprecord Reader Interface (USB Connection)
- ▶ 16K non-volatile memory. Recorded data retained in case of battery failure
- ▶ Temperature accuracy is 0.5 °C or 1 °F across the operating range
- ▶ Logger operating temperature range: -30 °C to +60 °C or -22 °F to +140 °F
- ▶ Temperature units: °C or °F
- ▶ Display resolution: 0.1 °C or 0.1 °F
- ▶ Fully welded food grade plastic case. FDA approved
- ▶ Re-usable
- ▶ Case protection: IP67 or NEMA 6
- ▶ Multi language PC software
- ▶ Start & end on date/time function
- ▶ Save multiple sets of parameters for later retrieval
- ▶ Save time with Auto Mode (for batch programming)
- ▶ Apply tags/markers using button if enabled
- ▶ Cloud storage via Dropbox
- ▶ Compatible with Windows 7, 8 & 10
- ▶ Compliance made easy with automated PDF report generation. Use speed-buttons from TempWrite software to:
 - Save as TempWrite *.TWD files
 - Save as *.PDF files
 - Export to MS Excel
 - Email, print



When product integrity counts...

Manufacturers of laboratory calibrated temperature and humidity data loggers, real-time monitoring and cold chain solutions

MON-T² LOGISTICS DATA LOGGERS



Economical Temperature Data Recording

Track product temperature accurately and easily with a quality, affordable, MON-T² data logger. Ideal for monitoring temperature environments of perishable products, during transit for cold chain applications.

Push Button Start/Stop/Status

The Push Button (when enabled in software) allows User to 'Start' or 'Stop' the data logger anywhere without needing sophisticated software or hardware in the field. When button disabled, the logger can be started or stopped using Temprecord TempWrite software – available FREE!

(✓) or (X) Indicates Status

For non LCD version press button momentarily then release. Green (✓) or Red (X) LED will flash three times.

LCD Version



LCD displays maximum temperature recorded



LCD displays minimum temperature recorded



LCD displays average temperature recorded



LCD displays time (in hours & mins) above upper temperature limit programmed



LCD displays time (in hours & mins) below lower temperature limit programmed



Case Protection Waterproof to IP67 & or Nema 6, durable, ultrasonically welded plastic case. FDA approved food grade casing.

LED Status Indicators for non LCD version

By simply pressing button to view status, the ✓ (green) and X (red) LED indicators allow instant confirmation of recorded data being within or outside of specified upper and lower temperature range. When button pressed and released, the green LED will flash three times if recorded temperature is within limits or the red LED will flash three times if recorded temperature is outside limits.

Retaining Hole

Fully moulded and ultrasonically welded retaining hole for easy securing of the data logger within different environments.

Download using Temprecord Reader Interface

Easily download data at the end of use with the standard Temprecord Reader Interface.

Push Button

(enable in software) Push Button feature allows User to 'Start' or 'Stop' data logger in the field. Also allows placement of tags. Functionality of the Push Button can be enabled or disabled through TempWrite software.

Parameter	Specifications
Model	MON-T ² Standard Temperature Data Logger
Memory	16K Non-volatile
Sample Capacity	16,384 samples
Sample Period	Programmable between 2 seconds and 12 hours
Start Delay	Programmable between 0 seconds and 12 hours
Start and Stop	Logger Button (if enabled), TempWrite software using Reader Interface, Start/Stop on Date/Time
Recording Duration	8.8 hrs up to 12 months
Operating Temperature Range	-30 °C to +60 °C, -22 °F to +140 °F
Temperature Accuracy	0.5 °C or 1 °F across the operating range
Display Resolution	0.1 °C / 0.1 °F
Within Limits Indicator	Three flashes from ✓ Green LED Indicator when button is pressed and released
Out of Limits Indicator	Three flashes from X Red LED Indicator when button is pressed and released
LCD Version	✓ or X will show on the LCD display to indicate if within limits or not. LCD shows Min, Max, and Average. If selected in "Extended LCD Menu", LCD also shows Time Above Limit, Time Below Limit
Battery Type	Manganese Dioxide Lithium (3.0V)
Dimensions	L 77.5mm x W 73.5mm x 14mm (3 x 2 ^{7/8} x 5/8 inches)
Weight	55g or 1.62oz
Case Colour	Yellow base with clear top
Case Protection	Waterproof to IP67 or NEMA 6. FDA approved food grade casing
Warranty Period	12 months or 200,000 samples (whichever is exceeded first) on the data logger and battery from date of purchase. Excludes water damage.



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