MON-T² RH
Logistics

Low cost, reliable and easy to use...

Mon T² RH – Temperature Humidity 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/ humidity sensitive products in transit as part of the cold chain

▶ Download via standard Temprecord USB Reader Interface

▶ 8K temperature and 8k RH non-volatile memory. Recorded data retained in case of battery failure

▶ Temperature accuracy is 0.5 °C or 1 °F across the operating range

▶ Relative humidity accuracy is typically ±3% (20% RH to 80% RH), else ±5%

▶ Logger operating temperature range: -30 °C to +60 °C or -22 °F to +140 °F

▶ Logger case operating range for relative humidity: 5% to 95%

▶ Temperature units: °C or °F

▶ Display resolution: 0.1 °C or 0.1 °F, 0.1% RH

▶ Fully welded food grade plastic case. FDA approved

▶ 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/marker 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

▶ Re-usable

▶ Case protection: splash proof

TEMPRECORD ™

When product integrity counts...
Manufacturers of laboratory calibrated temperature and humidity data loggers, real-time monitoring and cold chain solutions

MON-T² RH LOGISTICS DATA LOGGERS

Economical Temperature/Humidity Data Recording

Track product temperature and humidity accurately and easily with a quality, affordable, MON-T² data logger. Ideal for monitoring temperature and humidity 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 (✗) Indicates Status

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

LCD Version

Note: Temperature and RH are displayed consecutively

LCD displays maximum temperature and humidity recorded

LCD displays minimum temperature and humidity recorded

LCD displays average temperature and humidity recorded

LCD displays time (in hours & mins) above upper temperature and/or humidity limits programmed

LCD displays time (in hours & mins) below lower temperature and/or humidity limits programmed

Case Protection
Splash proof durable, ultrasonically welded plastic case. FDA approved food grade casing.

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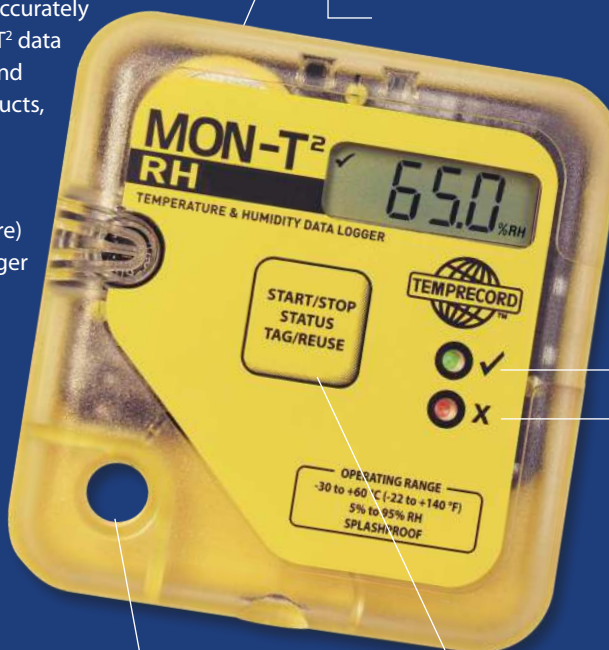By simply pressing button to view status, the ✓ (green) and ✗ (red) LED indicators allow instant confirmation of recorded data being within or outside of specified upper and lower temperature or humidity range. When button pressed and released, the green LED will flash three times if recorded temperature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

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.

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

Parameter	Specifications
Model	**MON-T² RH Temperature and Humidity Data Logger**
Memory	16k Non-volatile (8k temperature & 8k humidity)
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	4.4 hours up to 12 months for Temperature & RH
Operating Temperature Range	-30 °C to +60 °C, -22 °F to +140 °F
Operating Humidity Range of Case	5% to 95% Relative Humidity
Temperature Accuracy	0.5 °C or 1 °F across the operating range
Humidity Accuracy	±3% from 20% RH to 80% RH, else ±5%
Display Resolution	0.1 °C / 0.1 °F, 0.1% RH
Within Limits Indicator	Three flashes from ✓ Green LED Indicator when button is pressed and released
Out of Limits Indicator	Three flashes from ✗ Red LED Indicator when button is pressed and released
LCD Version	✓ or ✗ 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 2⅞ x ⅝ inches)
Weight	61g or 2.15oz
Case Colour	Yellow base with clear top
Case Protection	Splash proof. 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.