TempTale® Ultra Humidity Monitor

Instructions for Use

SENSITECH
United Technologies
SUPPLY CHAIN VISIBILITY

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Starting a TempTale® Ultra Humidity Monitor

- Press and hold the Start button (1 – 3 seconds) until the Sunshine icon appears on the LCD screen **(1)**. The LED **(2)** will blink **GREEN** to indicate that the monitor has been started.
- The monitor will begin to record temperature and humidity data after the programmed start-up delay period has passed.
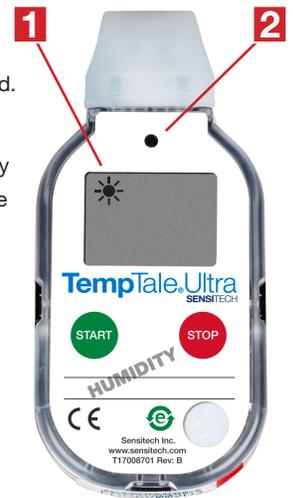
Marking an Event and Reading Data on the LCD Screen

- To mark an event while the monitor is recording, press and release the Start button. An Arrow ↑ icon will appear briefly at the top of the LCD screen and trip summary data will display. Press and release the Start button to cycle through the trip summary data. Data appears in the following order:

  1. Average temperature recorded (AVG)

  2. Minimum temperature recorded (MIN)

  3. Maximum temperature recorded (MAX)

  4. Average RH% value recorded

  5. Minimum RH% value recorded

  6. Maximum RH% value recorded

  7. Current temperature reading (If this LCD option is enabled)

  8. Current RH% reading (If this LCD option is enabled)

Alarming

When the TempTale Ultra Humidity monitor is exposed to relative humidity and/or temperatures outside the programmed alarm limits, an ✕ will appear at the top of the screen. The ▲ icon will display if the high alarm(s) were triggered. The ▼ icon will display if the low alarm(s) were triggered.

Stopping and Receiving a TempTale Ultra Humidity Monitor

There are two ways to stop a TempTale Ultra Humidity monitor:

- Press and hold the Stop button (1 – 3 seconds) until the Stop icon ⬤ appears in the upper right corner of the screen.
- Plug the monitor into a USB port on a computer.

  NOTE: If the monitor is not stopped manually, the TempTale Ultra Humidity monitor will continue to record data until it is plugged into a USB port on the computer or until the programmed trip length is reached.

Accessing TempTale Ultra Humidity Monitor Data Files

- After the monitor is stopped, plug the monitor into a USB port on the computer. The LED will blink **RED** while the Adobe® PDF report and TTV data file are being created. When the **RED** LED stops blinking and displays solid **GREEN**, the file generation process is complete. The files are now accessible. (Windows® 7, 8.1, and 10).

  NOTE: Do not disconnect the monitor from the USB port while the **RED** LED is blinking.

Managing and Viewing TempTale Ultra Humidity Monitor Files

- If the computer has Adobe PDF compatible reader software installed, double-click the PDF file icon to open and view the PDF file.
- If the computer has Sensitech's TempTale Manager® Desktop Software installed (8.3 or higher), double-click the TTV file icon to open and view trip summary statistics and the time-temperature graph.
- Both the PDF and TTV files can be copied, saved, or emailed as an attachment.

Direct USB Printing of PDF Reports

- To place the monitor in Direct Print mode, press and hold the Start and Stop buttons simultaneously until the **RED** LED starts blinking. The monitor is now in Direct Print mode.

  NOTE: Direct Print mode times out after approximately 10 seconds. If time out occurs before the monitor is connected to a USB port, repeat the previous step.

- While the LED is blinking, plug the monitor into the USB port located on the exterior of a USB-enabled printer, and then print the PDF report.

  NOTE: Not all USB printers support USB-direct printing of PDF documents. Consult your printer's user manual for support.

Displayed Information

Sample running display, no alarm

Sample stopped display, with alarm

1. Temperature display indicator
2. Running
3. Start-up delay
4. Marked point
5. Alarm Status ✕ = alarm(s), ✓ = no alarm(s)
6. Current temperature (pre-programmed to display °C or °F)
7. Alarm triggered ▲ HIGH / ▼ LOW
8. Stopped recording
9. Avg/min/max relative humidity (RH%) recorded
10. Current relative humidity