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6550 Logger Trac Humidity Datalogging Traceable Thermometer Owner's Manual 📕

Contents [hide]

TRACEABLE®

6550 Logger Trac Humidity Datalogging Traceable Thermometer

Product Information

Specifications

- Model: Logger-Trac
- Power Source: CR2450 3V Lithium Coin Cell battery
- Display: LCD
- Interface: USB

DESCRIPTION

Logger-Trac™ RH/Temperature Datalogger is a multi-use, user programmable, humidity and temperature data recorder specifically designed for measuring environmental humidity and temperature during transportation of refrigerated vaccines, biological material, chemicals, pharmaceuticals, and for documenting transportation of perishable commodities.

Features
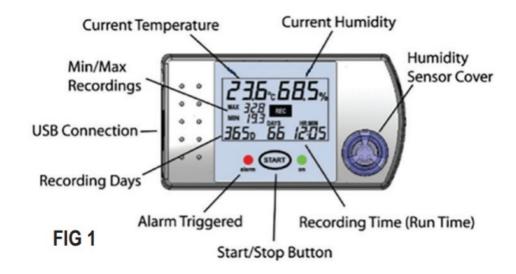
- RH Range: 0 to 100% RH
- Temperature Range: –29 to 72°C
- User programmable
- Small form factor
- Alarm and recording status LEDs
- USB interface

LCD DISPLAY

FIG 1

- **Current Temperature –** The current temperature reading Current Humidity – The current humidity reading
- **Min/Max Recordings –** The minimum and maximum temperatures that have occurred since the device was initialized.
- **Start/Stop button –** The button is used to start the device logging once it has been initialized. Hold button down for 3 seconds to activate logging. If the Stop key feature is enabled, pressing and holding the button will stop logging preemptively.
  Note: if the thermometer is stopped using the Stop button, the thermometer must be reinitialized using the MaxiThermal software before logging may be restarted.
- **Alarm Triggered –** Indicates the temperature is in an active alarm state.
- **Recording Time (Run Time) –** Indicates the amount of time passed since the thermometer logging was initialized/started.

PROGRAMMABLE USER SETTINGS

Through MaxiThermal software and USB interface, the user is able to program the unit to their specific requirements. Programmable options are listed as follows:

- **Description –** Each Logger-Trac device may be programmed with a unique description. This allows the user to identify at the time of download where the device was used.
- **Time zone**
- **Auto Adjust Daylight Time enable –** The internal clock will automatically adjust when daylight savings time shift occurs.

- **Temperature Measurement Units (Celsius/ Fahrenheit) –** The temperature data will display on the LCD in the selected measurement units.
- **Start delay –** When this feature is used, a time delay occurs before data recording is started after the user presses the START button.
- **Recording duration/Sample Interval –** The user can either select the data recording interval or the total recording duration. Note the parameters are dependent upon each other so changing one field also changes the other.
- **Alarm setting –** Maximum and minimum alarm temperature boundaries can be set. The setting resolution is 1°.
- **No alarm –** Disable the alarm with this option.
- **User Stop Key Enable –** This feature allows the user to halt data recording by holding down the START button on the device once recording is started.

PRE-PROGRAMMED SETTING

All units are pre-programmed at factory with the following settings:

- Temperature Units: Celsius
- Alarm setting – Minimum: 2°C Maximum: 8°C
- Recording Duration: 30 days
- User Stop Key Enable: enabled

HOW TO START THE DATA LOGGER

1. Initialize Logger-Trac using MaxiThermal software to desired settings.
2. Disconnect thermometer from USB cradle.
3. When ready to begin recording, press and hold the START button for 3 seconds on the front panel. The LCD will become active and display the current temperature as well as the REC symbol to indicate logging is now active.
4. Place thermometer in environment to begin monitoring.

HOW TO STOP THE DATA LOGGER

1. The logging can be stopped in advance of the preprogrammed logging duration time by plugging the thermometer into the USB cradle and selecting Stop under the Logger Menu in MaxiThermal software. Also, if the stop key feature is enabled, the user may

stop the thermometer logging by pressing and holding the START button for 3 seconds. The LCD will display the word END once logging is stopped.

2. Once the device has been stopped, the user may download the logged data from the thermometer.

3. Logging cannot be restarted until the thermometer has been reinitialized using MaxiThermal.

HOW TO REPLACE BATTERY

On back the Data Logger, turn the round plate counterclockwise, and replace with a new CR2450 3V Lithium Coin Cell battery. Turn the plate clockwise to lock.

WARRANTY, SERVICE, OR RECALIBRATION

For warranty, service, or recalibration, contact:

TRACEABLE® PRODUCTS

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Webster, Texas 77598 USA

Ph. 281 482-1714 • Fax 281 482-9448

E-mail support@traceable.com • www.traceable.com

Traceable® Products are ISO 9001:2015 Quality-

Certified by DNV and ISO/IEC 17025:2017 accredited as a Calibration Laboratory by A2LA

Cat. No. 6550

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FAQ

Q: How do I know if the data logger is recording?

A: When the LCD displays the current temperature along with the REC symbol, it indicates that the data logger is actively recording.

Q: Can I recalibrate the thermometer myself?

A: For recalibration, please contact an accredited Calibration Laboratory by A2LA as mentioned in the manual for professional service.

Documents / Resources

	[TRACEABLE 6550 Logger Trac Humidity Datalogging Traceable Thermometer](#) [[pdf](#)] Owner's Manual 6550 Logger Logger Trac Humidity Data Logging Traceable Thermometer, 6550, Logger Trac Humidity Data Logging Traceable Thermometer, Data Logging Traceable Thermometer, Logging Traceable Thermometer, Traceable Thermometer

References

- [User Manual](#)

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