



ThermoWorks

ThermaData® Logger USB



Operating Instructions

GETTING STARTED

Log in to your existing ThermoWorks Cloud account (if applicable) or create a new one.

Connect your logger to the PC using a USB-C cable and navigate to the USB Logger section of cloud. thermoworks.com/usb. Follow the on-screen instructions.

Update your preferred settings, including Instrument Name, Units, Log Interval, and Alarm Settings.

*Any log interval or LCD refresh rate less 1 minute will severely reduce battery life of the instrument.

For the 'Start' method, you will need to select from the following options: start with button press, start with a button press that includes a start delay, start with software, or set to start at a specified time or date, or when a specified temperature is reached.

For the 'Stop' method, you can choose to stop the logger with a button press, automatically stopping when the device memory is full (120,000 or 2 x 60,000 readings), end the session after a predetermined number of readings, when connected via USB, or at a specified time or date.

Please note: when 'Multi Log' is enabled, start and stop methods are restricted to button press only.

Full operating instructions can be found by going to www.thermoworks.com/blog.

READING THE LOGGER

Open and log in to ThermoWorks web app on your PC. Once logged in, navigate to the sidebar and select 'ThermaData Loggers'. Connect your logger to the PC using a USB-C cable and select it from the list of available devices. After selecting the device, click on 'Download Data' to retrieve the data. After the download is complete, name the downloaded log session, then save and close. A list of log sessions will appear at the bottom of the page; click on each session to view the data, which can be displayed in either a table or graph format.

WARNING

Do not expose the thermometer to temperatures over 122°F (50°C) or use in ovens, this will result in incorrect readings or damage to the thermometer.

BUTTON FUNCTIONALITY

ACTION



- Single press when the LCD shows 'rdy' to start the logger.
- Press and hold for 3 seconds to stop the logger (Only available if programmed to do so via the web app).

FUNCTION



- Single press to cycle through the max and min temperature.
- Press and hold to reset the max and min. If an alarm has been triggered, this will also remove the alarm status on the display.

Please note: Max and Min will still be available in the web app after a data download.

LED INDICATIONS

See the table below for LED indications:

	Blinking every 10 seconds	Instrument is logging
	Blinking every 10 seconds	Temperature is outside the high or low limits (LCD will also display ALARM HI/LO)
	Blinking every 10 seconds	The temperature is currently within limits, but a previous reading was out of range and triggered an alarm.
	Flash 3 times then LCD shows FULL	Memory is full

LCD INDICATIONS

Below is a list of LCD messages that can be displayed on the ThermaData Logger.

USb	Connected to PC and the logger is not logging.
Strt	Displays for one second when a new log starts.
Rdy	The logger is ready and waiting for configuration or to start a new log.
StoP	Logging has stopped.
dELy	The action button has been pressed and in start delay before logging.
End	Logging is complete.
FULL	Memory is full.
rSt	Max/Min readings have been reset and alarms cleared.
LoAd	The logger is loading data from the last log on startup; do not interrupt* .

BATTERY REPLACEMENT

Remove the four screws on the hang tab on the back of the ThermoData Logger. Remove battery. Replace battery using a $\frac{3}{4}$ AA 3.6V lithium battery, noting the correct polarity. Replace the battery cover and tighten screws. Make sure to not overtighten. Failure to use the correct type of battery could result in damage or errors within the instrument. Dispose of the old battery appropriately.

GUARANTEE

ThermaData Logger carries a two-year warranty against defects in either components or workmanship. During this period, products that prove to be defective will, at the discretion of ThermoWorks, be either repaired or replaced without charge. This warranty does not apply to probes, where a six-month period is offered. Full details of liability are available within ThermoWorks' Terms & Conditions of Sale at www.thermoworks.com/product-warranty.

For warranty, service, and technical assistance, please contact ThermoWorks' Technical Support at (385) 330-0591 or email at techsupport@thermoworks.com.

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