

Data logging thermometers and hygrometers

Temperature and humidity logger, Traceable®, logger trac

These loggers travel with shipments to track relative humidity and temperature. For complete flexibility, the user-defined recording interval may be set based on the number of desired days to log (from 4 hours to 365 days) or the desired time interval (from every 2 seconds to every 24 hours). To insure that no data is lost, once memory is full the thermometer/hygrometer will stop logging data (data will not be overwritten).

- User-selectable humidity/temperature parameters (high and low values) in 1.0% or 1.0 °C increments
- Displays cumulative alarm duration
- Current RH and temperature, minimum/maximum temperature achieved, cumulative running time



ISO/IEC 17025 calibration laboratory accredited to A2LA indicating traceability to NIST.

Starter kit includes Traceable® logger trac, data capture cable, MaxiThermal software package, battery and Traceable® certificate of calibration.

Model	Logger trac
Range	-30...+77 °C 0 - 100% RH
Accuracy	±0.2 °C (-10...10); ±0.5 °C
	±3.0 (25 - 75% RH)
Resolution	0.1 °C; 0.1% RH
WxDxH (mm)	88.9x50.8x22.9
Weight (g)	69.5

Description	Memory	Pk	Ct
Starter kit, logger trac	30720 values	1	620
Logger, logger trac	30720 values	1	620

Bluetooth® temperature and humidity loggers

These data logger are available with or without hygrometer, recording temperature or temperature and humidity data for 30 days. Hourly data recorded for current 7 days, then maximum and minimum temperatures or temperatures and humidity are recorded for next 23 days.

- Monitor critical environments without a physical connection; maximum signal distance is approx. 40 m
 - Alarm sounds if temperature falls outside of the set parameters
 - Data viewable as a chart or graph, or on a calendar; data from up to six data loggers can be plotted on one graph for direct comparison
 - Indicators include WBGT (Wet Bulb Global Temperature), Heat, Mold and Comfort indices as well as memory full, active alarm state and low battery
 - Features all-weather housing with internal temperature sensor and humidity sensor
- Conforms to ROHS compliance and CE marked.

Supplied with Certificate of Compliance indicating accuracy for four temperature points or four temperature and three humidity points, two AAA batteries, and multi-language (English, French, German, Italian, Portuguese and Spanish) instructions.



Description	Range	Accuracy	Resolution (°C)	WxDxH (mm)	Pk	Ct
Temperature datalogger	-10...+50 (°C)	±1 °C (-10...40) ±2 °C (-40...10)	0.1	60x85x20	1	620
Temperature and humidity datalogger	-10...+50 (°C) 10 - 99% (RH)	±1 °C (-10...40) ±2 °C (-40...10) ±5% (50 - 80) RH ±8% (-80) RH	0.1	60x85x20	1	620