

HDT-350/400 Thermocouple USB Data Loggers

Measure and store over 32,000 temperature readings from either a K, J or T type thermocouple (attached at the base of the unit).

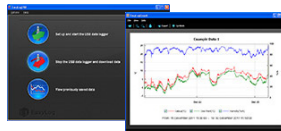
- HDT-350: Thermocouple Data Logger (EL-USB-TC)
- HDT-400: Thermocouple Data Logger with LCD (EL-USB-TC-LCD)

Both models are supplied with a basic Type K thermocouple for 0°C to +200°C (+32°F to +392°F) measurement, and a long-life replaceable lithium battery which can typically allow logging for 6 months (depending on logging rate, ambient temperature and use of alarm LEDs). Status is indicated by flashing red and green LEDs.

The HDT-400 model features a high contrast 4-digit LCD display that can show several different temperature variables at the touch of a button: last temperature, maximum logged and minimum logged temperature.

Easily configure each data logger by plugging it into a PC's USB port and running the free EasyLog USB* software. Configuration options include: logger name, measurement unit (°C or °F), logging rate, high/low alarm levels, start date/time and logging mode. Logged data can be downloaded via the software and then graphed, printed or exported to other applications.

- Accepts K, J, T thermocouple inputs
- Supplied with basic Type K thermocouple
- High contrast, 4-digit LCD (HDT-400)
- Programmable alarm thresholds
- Status indication via red and green LEDs
- Replaceable battery supplied
- Link to free configuration software supplied
- Immediate, delayed and push-to-start logging (HDT-400)
- Detachable wall clip cap (HDT-350), separate wall clip (HDT-400)



Also available
HDT-BATTERY
Replacement non-rechargeable
3.6V ½ AA size lithium battery




Technical Details

Probe Measurement Range	Type K Thermocouple	-200°C to +1350°C (-328°F to +2462°F)
	Type J Thermocouple	-200°C to +1190°C (-328°F to +2174°F)
	Type T Thermocouple	-200°C to +390°C (-328°F to +734°F)
Internal Resolution	0.5°C (+1°F)	
Accuracy (overall error)	±1°C (±2°F) data logger only - thermocouple error not included	
Logging Rate	User selectable between 1 sec and 12 hours	
Operating Temperature Range	-10°C to +40°C (+14°F to +104°F)	
Readings	32,510	
Battery	3.6V ½ AA lithium battery (replaceable)	

Supplied Thermocouple

Type K, 100mm x 3.0mm Ø stainless steel probe, 1350mm fibreglass insulated cable with miniature thermocouple plug.

order code	Lascar code	EL-USB-TC	EL-USB-TC-LCD
	Thermosense code	HDT-350	HDT-400

* EasyLog software is downloadable for free via a supplied website link. Please visit our website for latest software compatibility information.