

Thermocouple ThermoData[®] Loggers

for high temperature applications

- waterproof housing offering IP66/67 protection
- wide temperature range -99.9 to 1372 °C
- two channel type K thermocouple input
- visual display of high & low alarm status

These two input Thermocouple ThermoData loggers are housed in a waterproof, ergonomic case that is designed to meet IP66/67 protection. Two models are available, either blind or with LCD display.

The ThermoData loggers measure temperature over the range of -99.9 to 1372 °C with a 0.1 °C resolution, auto-ranging to 1 °C over the range of 301 to 1372 °C. At programmable intervals the loggers will record the temperature, up to a maximum of 16000 readings or 2 x 8000 readings.

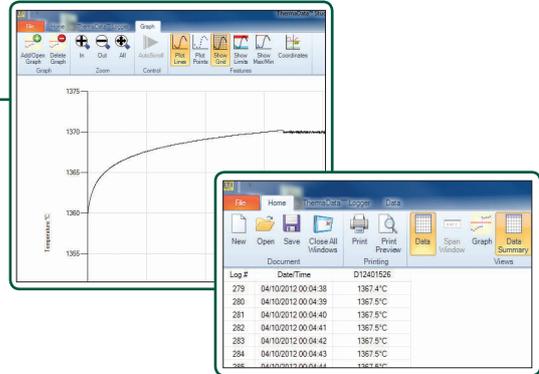
Each logger incorporates a red and green LED, the flashing green LED indicates that the logger is active/logging and the flashing red LED indicates that your customised pre-set alarms have been exceeded. Each logger is supplied with a USB lead and ThermoData Studio software.

For details of the wide range of thermocouple probes available, see pages 57 to 62.



ThermoData Studio software

The ThermoData logger is connected to a PC via a serial or USB port lead. By selecting the relevant icon the data can be downloaded and displayed either as a graph, table or summary. The information can then be analysed by zooming in, storing to disc or exporting to other software packages.

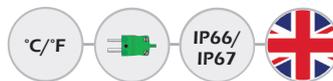


USB Connection Point

Simply remove the end cap to access the USB port. This allows the user to connect the logger to a PC via the USB lead (*supplied*) and upload the temperature readings collected.

order code	description
291-501	T/C ThermoData logger - blind
292-501	T/C ThermoData logger - LCD
830-210	protective silicone boot - white
832-950	flexible tripod

T/C ThermoData loggers are exclusive of probes



specification	T/C ThermoData logger
range	-99.9 to 1372 °C
operating range	-20 to 50 °C
resolution	0.1 °C to 300 °C thereafter 1 °C
accuracy	±0.4 °C ±0.1 % of reading
memory	16000 or 2 x 8000 readings
battery	AA Tadiran - Li-SOCI
battery life	3 years @ 20 °C
sensor type	K thermocouple
display	10 mm LCD
dimensions	35 x 67 x 109 mm
weight	200 grams

