

# Thermocouple ThermaData<sup>®</sup> 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 ThermaData 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 ThermaData 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.

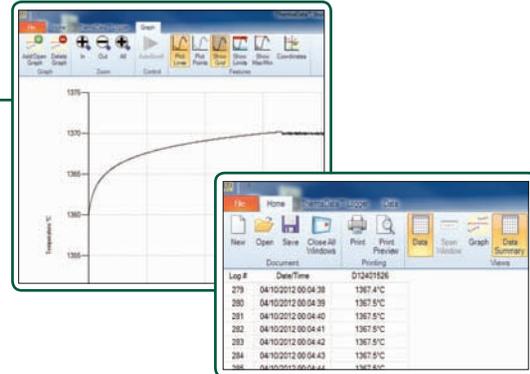
Each logger incorporates a red and green LED, the flashing green LED indicates that the logger is active/logging and the flashing red LED indicates that your customised pre-set alarms have been exceeded. Each logger is supplied with a USB lead and ThermaData Studio software.

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



### ThermaData Studio software

The ThermaData 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.

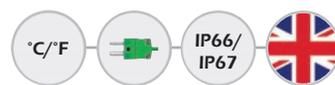


### USB Connection Point

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 ThermaData logger - blind
292-501	T/C ThermaData logger - LCD
830-210	protective silicone boot - white
832-950	flexible tripod

*T/C ThermaData loggers are exclusive of probes*



specification	T/C ThermaData 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

DATA-LOGGERS



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