

Thermocouple ThermaData[®] Loggers for high temperature applications

- waterproof housing offering IP66/67 protection
- 2 channel type K or type T thermocouple input
- wide temperature range -100 to 1372 °C
- 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 an LCD display.

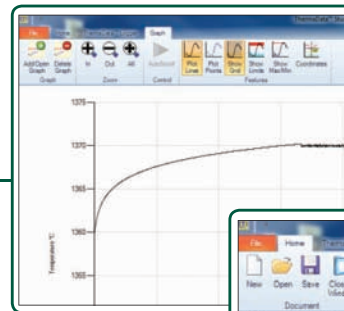
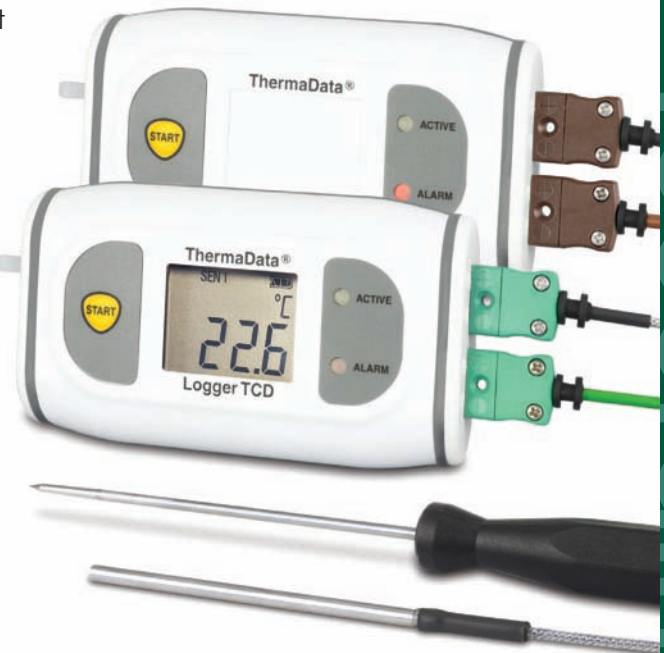
The ThermaData loggers measure temperature over the range of -100 to 1372 °C (type K thermocouple) with a 0.1 °C resolution, auto-ranging to 1 °C over the range of 301 to 1372 °C. At programmable intervals the loggers will record the temperature, up to a maximum of 16000 readings or 2 x 8000 readings.

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 preset alarms have been exceeded. Each logger is supplied with a USB lead and ThermaData Studio software.

For details of the wide range of interchangeable type K or T thermocouple probes available, see pages 59 to 64.

ThermaData Studio software

The ThermaData logger is connected to a PC via a 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, saving as Studio File or exporting to other software packages.



Log #	Date/Time	D1242526
279	04/10/2012 00:04:38	1367.4°C
280	04/10/2012 00:04:39	1367.5°C
281	04/10/2012 00:04:40	1367.5°C
282	04/10/2012 00:04:41	1367.5°C
283	04/10/2012 00:04:42	1367.5°C
284	04/10/2012 00:04:43	1367.5°C
285	04/10/2012 00:04:44	1367.5°C
286	04/10/2012 00:04:45	1367.5°C

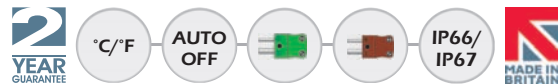
USB Connection Point



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	£ each
291-501	T/C TD logger type K - blind	100.00
292-501	T/C TD logger type K - LCD	120.00
291-571	T/C TD logger type T - blind	100.00
292-571	T/C TD logger type T - LCD	120.00
830-210	protective silicone boot - white	4.00
832-950	flexible tripod	12.00

T/C ThermaData loggers are exclusive of probes



specification	T/C ThermaData logger
range - type K t/c	-100 to 1372 °C
range - type T t/c	-100 to 400 °C
operating range	-20 to 50 °C
resolution	0.1 °C to 300 °C thereafter 1 °C
accuracy	±0.4 °C ± 0.1 %
memory	16000 or 2 x 8000 readings
battery	AA Tadiran - Li-SOCl
battery life	maximum 3 years @ 20 °C
sensor type	K or T thermocouple
display	10 mm LCD
dimensions	35 x 67 x 109 mm
weight	200 grams

