

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.

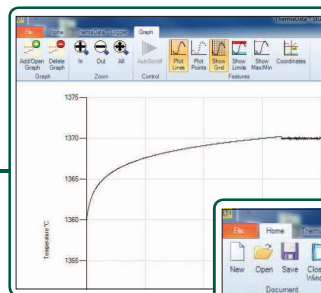


USB Connection Point

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 TD logger type K - blind	
292-501	T/C TD logger type K - LCD	
291-571	T/C TD logger type T - blind	
292-571	T/C TD logger type T - 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 - 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

