THERMADATA® LOGGERS

- Waterproof housing offering IP66/67 protection
- Temperature range -40 to 85 °C or 125 °C
- Resolution 0.1 °C, high accuracy ±0.5 °C
- Meets EN12830, S & T, C & D, 1

The ThermaData logger consists of a comprehensive range of portable data-loggers utilising the latest in electronic technology and housed in waterproof, ergonomic cases designed to meet IP66/67 protection.

The ThermaData logger offers the choice of either blind data-loggers or data-loggers with an LCD display. Other options include internal and external temperature sensors/ probes. The remote temperature probes are supplied with a one metre PVC/PFA lead. Other models and options are available on our website.

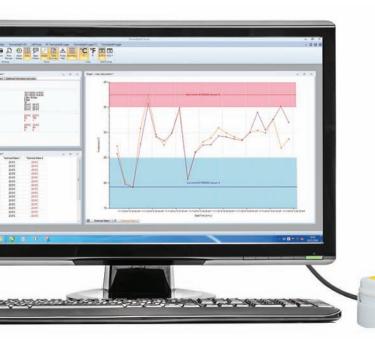
Each logger incorporates a red and green LED, the flashing green LED indicates that the logger is active/logging and the flashing red LED indicates that your customised preset alarms have been exceeded.



The ThermaData logger is connected to a PC via a USB cradle. By selecting the relevant icon the data can be downloaded and displayed either as a graph, table or summary. The information can be analysed by zooming in, saving as a Studio File or exporting as a text (.txt) or Excel (.xls) file to other software packages.

The software incorporates several useful functions, including the ability to display two traces on a graph, the trace colours are user selectable. All files can be viewed as thumbnail icons for easy identification.





The ThermaData Studio software will work equally with all ThermaData loggers. The software is both powerful and sophisticated, yet user-friendly enabling temperature data to be organised and analysed to provide management information. The software allows the user to programme the logging sample/interval rate (0.1 to 255 minutes), the real-time clock, °C or °F, delayed start (maximum 23 hours, 59 minutes and 59 seconds) or select a magnetic start option. It is also possible to include a 32-character user ID for each logger.

By selecting continuous logging in the software options, it is possible to start the ThermaData logger only once and never have to reset its parameters again, even if downloaded regularly. Unlike most low cost loggers, the ThermaData logger will continue recording during and after downloading the data.

The ThermaData Studio software is supplied as a FREE download. Please note: when initially ordering loggers it is necessary to order at least one ThermaData logger cradle - see opposite page for details.













TB - BLIND WITH AN INTERNAL SENSOR



- NTC thermistor sensor
- -40 to 85 °C
- Records up to 4000 readings



- NTC thermistor sensor
- -30 to 85 °C

TD - LCD WITH AN INTERNAL SENSOR

Records up to 4000 readings

Order code Description 295-001 Model TB

TBF - BLIND WITH AN EXTERNAL **FIXED SENSOR**



- NTC thermistor sensor
- Ø3.3 x 100 mm probe. 1 metre PVC/PFA lead
- -40 to 125 °C
- Records up to 4000 readings

TDF - LCD WITH AN EXTERNAL FIXED SENSOR

Model TD



Order code Description

296-001

- NTC thermistor sensor
- Ø3.3 x 100 mm probe. 1 metre PVC/PFA lead
- -40 to 125 °C
- Records up to 4000 readings

Order code Description 295-101 Model TBF

TB2F - BLIND WITH TWO EXTERNAL **FIXED SENSORS**



- NTC thermistor sensors
- Ø3.3 x 100 mm probe, 1 metre PVC/PFA lead
- -40 to 125 °C (external)
- Records up to 2 x 2000 readings

Order code Description 296-101 Model TDF

TD2F - LCD WITH TWO EXTERNAL **FIXED SENSORS**



Order code Description

296-111

- NTC thermistor sensors
- Ø3.3 x 100 mm probe, 1 metre PVC/PFA lead
- -40 to 125 °C (external)
- Records up to 2 x 2000 readings

Order code Description

295-111 Model TB2F

Specification	All models
Range - internal	-30/-40 to 85 °C - model dependant
Range - external	-40 to 125 °C - model dependant
Resolution	0.1 °C
Accuracy	±0.5 °C (@ ambient -10 to 85 °C)
Memory	4000 or 2 x 2000 readings
Sample rate	0.1 to 255 minutes
Battery	3.6 volt ½ AA lithium
Battery life	Approximately 1.5 years
Display - blind	2 LED's
Display - LCD	10 mm LCD/2 LED's
Dimensions	Ø76 x 23 mm
Weight	71 to 113 grams - model dependant
An optional protective silicone boot (white) is	

available (830-270) see page 34 for details

USB CRADLE & START MAGNET

Model TD2F

Each USB cradle is supplied with a one metre PVC lead complete with a start magnet.



Order code Description

293-804 Cradle & start magnet



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