

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.

THERMADATA STUDIO SOFTWARE

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.



REMOTE MONITORING

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

| 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

| 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 |
|------------|-------------|
| 295-111 | Model TB2F |

TD - LCD WITH AN INTERNAL SENSOR



- NTC thermistor sensor
- -30 to 85 °C
- Records up to 4000 readings

| Order code | Description |
|------------|-------------|
| 296-001 | Model TD |

TDF - LCD 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

| Order code | Description |
|------------|-------------|
| 296-101 | Model TDF |

TD2F - LCD 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 |
|------------|-------------|
| 296-111 | Model TD2F |

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

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



| Order code | Description |
|------------|-----------------------|
| 293-804 | Cradle & start magnet |