

# ThermaData® Logger

## blind recording thermometers

- blind recording thermometer & data-logger
- visual display shows if limits are exceeded
- customised high/low alarm facility
- temperature range -40 to 85 °C



The ThermaData logger is a cost effective, self-contained temperature data-logger or blind recording thermometer that is designed to record the temperature of the surrounding environment. The ThermaData logger is housed in a water-resistant polyethylene case and incorporates two LED status indicators.

The ThermaData Studio software allows the user to programme the logging sample/interval rate (1 to 255 minutes), the real-time clock, °C/°F, delayed start (maximum 23 hours, 59 minutes) or push-button start and a 12-character user ID. The software also incorporates a password protected calibration adjustment feature that allows the user to check the calibration of loggers and make minor adjustments 0.5 °C (±3 °C).

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 user can also set, within the software, high and low alarm values for a specific application. A push of the button will allow a simple visual inspection of the unit to show if either of these limits has been exceeded. A flashing red LED will warn the user that the alarm limits have been exceeded (reject) or a flashing green LED will advise the user that the alarm limits have not been exceeded (accept).

### 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.



### colour-coded data-loggers

The ThermaData loggers are available in a variety of coloured cases; blue, white, yellow, green, red, brown and black. The colour-coded cases help to prevent cross-contamination by allowing the user to allocate a colour to a specific product or application. For example, in the food industry, green may be used for salads, blue for fish and red for raw meats etc.

Other applications include different coloured loggers for easy identification in for example; the building and construction industry where loggers can often blend in with the environment.



order code	description
293-001	ThermaData logger - blue
293-105	ThermaData logger - white
293-205	ThermaData logger - yellow
293-305	ThermaData logger - green
293-405	ThermaData logger - red
293-605	ThermaData logger - brown
293-701	ThermaData logger - black
293-005	ThermaData logger - blue - box of 10
293-101	software & RS232 serial lead
293-104	software & USB lead

specification	ThermaData logger
range	-40 to 85 °C
resolution	0.5 °C
accuracy	±1 °C (±0.5 °C with calibration utility)
memory	2048 temperature readings
sample rate	1 minute to 255 minutes
battery	3.6 volt ½ AA lithium
battery life	minimum 3 years
dimensions	Ø55 x 25 mm
weight	45 grams

