



# ThermaData™ logger

## blind recording thermometer & data-logger

- ✓ visual display of high & low alarm status
- ✓ push button start or delayed time start

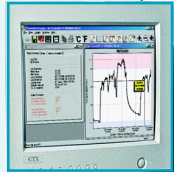


The ThermaData logger is a cost effective, water resistant, self-contained temperature data-logger or blind recording thermometer designed to record the temperature of the surrounding environment. The recording time and sample rate can be easily selected from the software and, unlike most low cost loggers, the ThermaData logger will continue recording during and after downloading the data. By selecting continuous logging it is possible to start the ThermaData logger only once and never have to reset its parameters again, even if downloaded regularly.

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

### ThermaData PC software

The ThermaData logger is connected to a PC via a serial or USB port lead. By clicking on 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.



specification	ThermaData logger
range	-40 to +85°C
resolution	0.5°C
accuracy	± 1°C (±0.5°C with calibration utility)
real time clock	seconds, minutes, hours, day, month & year
memory	2,048 temperature readings
sample rate	1 minute to 255 minutes
battery & battery life	3.6 volt lithium - minimum 5 years
dimensions	Ø55 x 25mm
weight	45 grams



order code	description	£ each
293-001	ThermaData logger - blue	36.00
293-101	software & RS232 serial lead	36.00
293-104	software & RS232 USB lead	36.00
830-400	waterproof pouches (pack of 10)	14.00

*in addition to the blue ThermaData logger, white, yellow, green, red, brown & black colour-coded cases are available*



# ThermaData™ logger Palm™ software

## portable temperature logging analysis

- ✓ PalmOS™ PDA/computer compatible
- ✓ manual or auto acquire modes



The ThermaData Palm application has been designed to enable ThermaData logger users to download data without removing the ThermaData logger from its monitoring position. The ThermaData Palm interface plugs into any PalmOS™ hand held PDA/computer's serial connection lead.

There are two methods of download, manual prompts the user for connection of the ThermaData logger and once uploaded the data is shown on screen. Auto acquire mode checks automatically for a connected ThermaData logger. Once the upload is complete a bleep signifies the finish of the process.

Once uploaded from the ThermaData logger the files can be viewed in different formats. The summary gives an overview of the data including start and end dates and times, number of samples taken, alarm settings and number of alarms that have occurred. The graph feature shows the data as a line graph. The zoom feature allows the user to zoom in and view down to 10 samples per screen, then by tapping on a point on the graph the sample number, time, date, temperature value and alarm status of sample are displayed. The data/alerts can be viewed as a list. User notes can be added and attached to the file.

Palm Hotsync transfers the data to a PC where it may be interrogated using the ThermaData logger application. Evaluation and simulation software is available on CD.



examples of how the data can be viewed on a Palm



order code	description	£ each
293-000	Palm interface & software	100.00

*the above price is exclusive of Palm computer & cable*