

ThermaData® Loggers

humidity & temperature recording meters

- display toggles between humidity & temperature
- records up to a maximum of 16000 readings
- visual display of high & low alarm status
- choice of internal or remote sensors

The humidity and temperature ThermaData loggers measure and record both temperature and relative humidity (%rh) over the range of -20 to 85 °C and 0 to 100 %rh. At programmable intervals, the loggers will record simultaneously both temperature and humidity, recording up to a maximum of 16000 readings (8000 humidity and 8000 temperature).

The ThermaData loggers offer the choice of either a blind logger or an LCD display logger, both options include an internal or external humidity and temperature sensor with a one metre lead. Each logger incorporates two LED's, a flashing green LED indicates that the logger is active/logging and a flashing red LED indicates that your customised preset alarms have been exceeded.

The humidity and temperature ThermaData loggers are suitable for a diverse range of applications which include HVAC climate monitoring, QA monitoring of storage areas etc.



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, storing to disc or exporting to Excel (.xls) or as a text (.txt) file to other software packages.

Please note: when initially ordering these loggers, it is necessary to order at least one ThermaData logger cradle.



order code	description
295-061	blind model HTB - internal sensors
296-061	LCD model HTD - internal sensors
295-062	blind model HTBF - external sensors
296-062	LCD model HTDF - external sensors
293-804	USB cradle, software & magnet
890-111	*UKAS 3-point Certificate

**price when purchased with a new instrument*



specification	temperature	humidity
range	-20 to 85 °C	0 to 100 %rh
resolution	0.1 °C	0.1 %rh
accuracy	±0.5 °C (0 to 45 °C) ±1 °C (-20 to 70 °C) ±1.5 °C (70 to 85 °C)	±2 %rh @ 25 °C (10 to 90 %rh)
hysteresis	n/a	±1 %rh
sensor type	silicon bandgap	capacitance polymer
memory	2 x 8000 readings	
sample rate	0.1 to 255 minutes	
battery	3.6 volt 1/2 AA lithium	
battery life	minimum 2 years	
display	10 mm LCD - toggles every 6 seconds/2 LED's	
dimensions	Ø76 x 23 mm	
weight	80 grams approx. - model dependant	

optional UKAS Certificate of Calibration is available

