

# Portable Temperature & Humidity Dataloggers

## Lo-Cost Standard versions



These 2 mini Dataloggers are lightweight and compact in size being suitable for continuous environmental monitoring of temperature (Model TTK-81) or temperature & humidity (Model THT-83). They are ideal for applications in laboratories, clean rooms, controlled environments, transport etc.

- Programmable start time and date
- 7,943 measurement capacity. (Note:- Temp/RH version uses 2 measurements for each reading)
- Programmable sampling times between 0.5 sec's to 9 Hrs.
- 2 memory modes, "stop when full" or "overwrite when full"
- Blinking LED confirms operation
- EPROM retains memory data even if the battery fails
- Windows™ software for analysis of logged readings in graphic and tabular formats
- Lithium battery giving upto 1 year continuous operation above -18°C.
- Supplied with battery and instructions for use

### Technical Specifications

Range	-30°C to +50°C,	25% to 95% RH (Model. THT-83)
Resolution	0.4°C	1%RH
Accuracy	±0.7°C	±3%RH
Power	CR-2032 1.5V Lithium Button Cell Battery	
Dimensions	68 x 48 x 19mm	Weight 29g

## Hi-Resolution, Hi-Accuracy, Hi-Capacity versions



These 2 Dataloggers are rugged, lightweight and compact in size being suitable for continuous environmental monitoring of temperature (Model TTK-82) or temperature & humidity (Model THT-84). They are ideal for applications in laboratories, clean rooms, controlled environments, transport etc.

- Programmable start time and date
- 65,291 measurement capacity. Standard Resolution
- 32,645 measurement capacity. High Resolution
- (Note: - Temp/RH version uses 2 measurements for each reading)
- Programmable sampling times between 0.5 sec's to 9 Hrs.
- 2 memory modes, "stop when full" or "overwrite when full"
- Blinking LED confirms operation
- EPROM retains memory data even if the battery fails
- Windows™ software for analysis of logged readings in graphic and tabular formats
- Lithium battery giving upto 3 year continuous operation above -18°C.
- Supplied with battery and instructions for use

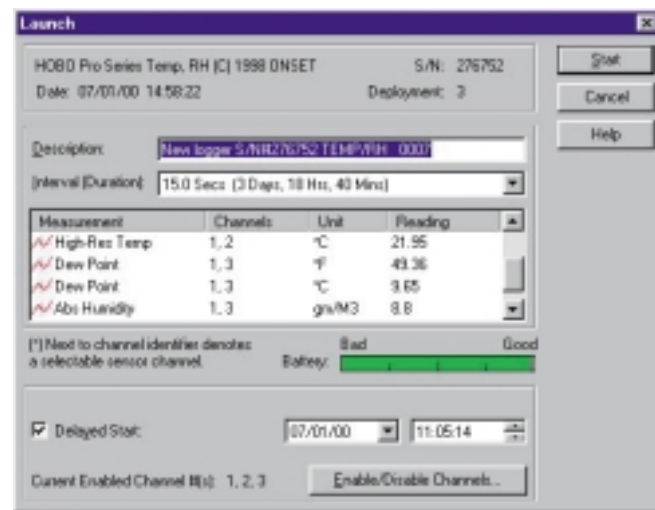
### Technical Specifications

Range	-30°C to +50°C,	0% to 100% RH (Model. THT-84)
Resolution	0.3°C Standard. 0.02°C Hi-Resolution	1%RH
Accuracy	±0.4°C Standard. ±0.2°C Hi-Resolution	±3%RH
Power	½ AA 3.6V Lithium Battery	
Dimensions	102 x 81 x 51mm	Weight 104g



The THS-468 portable data shuttle is a convenient way to download data and re-launch the Dataloggers in the field. The memory capacity is 468K and can store data from upto 51 full TTK-81 & THT-83 mini loggers and 13 full TTK-82 & THT-84 Hi-capacity loggers. This saves the user having to connect each logger to a PC individually.

- Portable and battery powered
- Synchronises the loggers clock to the PC
- EPROM memory retains data even in the event of battery failure
- LED indicators of shuttle status and function of operation
- Waterproof case with wrist strap
- Uses 2 x CR-2032 lithium batteries giving upto 1 year operation
- Supplied with 2 batteries, Connection cable and instructions for use



Optional Windows™ based software used for set up procedures and analysis. Logged results can be viewed in graph format with a zoom facility and the ability to add limit lines. Tabular format for data is also an option.

Model No	Description	Price 1-2	Price 3+
TTK-81	Mini Temperature Datalogger	£53.00	£50.35
THT-83	Mini Temperature/RH Datalogger	£79.00	£75.05
TTK-82	Pro Temperature Datalogger	£105.00	£99.75
THT-84	Pro Temperature/RH Datalogger	£159.00	£151.05
THS-468	Portable Data Shuttle	£135.00	£128.25
TCAL-TK	ISO 9000 Calibration Certificate (Temp)	£37.50	£35.63
TCAL-HT	ISO 9000 Calibration Certificate (Temp/RH)	£65.00	£61.75
THB-SW4	Windows™ Software & RS-232 Cable	£76.00	£72.20
TCR-2032	1.5V Lithium Button Cell Battery	£2.00	£1.90
TBT-00465	3.6V ½AA Lithium Battery	£7.50	£7.13