

Thermocron HC

Humidity and Temperature Logger



Thermocron HC is both a humidity and temperature logger that is designed for use where both temperature and humidity must be measured. It is ideal for the monitoring of incubators, laboratory conditions and for both office and home environments. Thermocron HC is a low cost instrument for the recording of both temperature and humidity.

Uses

- Offices
- Homes
- Incubators
- Production process
- Containers
- Ideal for Flammable Areas (Intrinsically safe)
- Museum Displays
- Museum Repositories
- Dry Food Storage

Features and Benefits

- Automatic recording of Temperature
- Easy to download information
- Reusable up to 1,000,000 readings
- Robust
- Small
- No External Probes
- Cleanable
- Intrinsically Safe
- HACCP Compliant
- NATA Certifiable

What is a Temperature Logger? The Thermocron HC is a thermometer and barometer with a memory that has been designed to record temperatures from -30°C up to 85°C and relative humidity from 0% to 100%. The memory will hold between 8,000 temperature readings at 0.5°C resolution and 0.64% relative humidity, or 4000 temperature readings at 0.0625°C and 0.04% relative humidity.

How is it Used?

1. Set up how often you want the temperature recorded with the user-friendly eTemperature software.
2. Place the Thermocron HC into the area where temperature is to be logged.
3. When required plug the Thermocron HC back into the computer and see exactly what happened, when and for how long.
4. Save your results for later reference.

Specifications			
Minimum Temperature	-30°C	Size	17.5mm x 17.5mm x 6mm
Maximum Temperature	85°C	Delay Start	Up to 45 days
Accuracy	0.5°C	Resolution	0.5°C or 0.0625°C
Sample Rate	Program from 1sec to 255 minutes	Log Storage Size	8000 readings at 0.5°C and 0.64% RH resolution 4000 readings at 0.0625°C and 0.04% RH resolution
Minimum Humidity	0%	Resolution	0.64% or 0.04%
Maximum Humidity	100%	Housing Material	Stainless Steel

Guarantee: 1 year

Thermocron Accessories

Kits

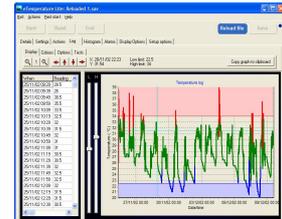
The Thermocron kit is made up of the easy to use eTemperature software, the Thermocron reader and a case. The eTemperature software can be freely copied onto multiple PCs and the reader moved between those PCs.

eTemperature Software

eTemperature allows you to quickly and easily

- Set up the Thermocron sample rate, start delay, high and low alarms and rollover options
- Download the results from the Thermocron to the PC
- Display results as a table
- Display the results as a graph. The graph supports panning and zooming to easily identify problems
- Save results for a later recall
- Export results to Microsoft excel, Microsoft Word
- Email results

(Minimum PC requirements: Pentium 200MHz; Windows 98,NT3.5, 2000, XP, 32Memory, 5MHDD free, mouse, CD-ROM.)



Reader

A reader (also known as a cable adaptor) is required to connect the Thermocron to the PC. The reader has 2 connectors available for the Thermocron.

Available with a USB or a serial port connection for your PC.

Plastic Fobs

When size is not a key requirement then a plastic fob is recommended to assist in the handling and mounting of the Thermocron.

FOB2: A plain plastic fob available in black, red, yellow, green and blue. The Thermocron clips into place



Clear FOB: This fob is a slightly larger than FOB2, but is clear, which allows for an identifier to be inserted. The standard identifier has an Onsolution logo printed on it, and a sequential number on the reverse. An industrial strength double-sided adhesive tape ensures the Thermocron always stays attached. (For 50+ orders it is possible to have a customised logo in the design if you supply Onsolution with the artwork)



Card FOB: A card the size of a credit card where the Thermocron can be inserted into one section, and an identifying card inserted. Available in black, red, yellow, green, white and blue.

TCCAP



The Thermocron is water resistant. To make the Thermocron totally waterproof, then the TCCAP is ideal. Simply unscrew the cap, place the Thermocron inside, the rescrew the cap, and immerse the Thermocron. There is no need to remove the Thermocron when reading the results.



TC- Spy

Allows the opportunity to view and control the Thermocron without a PC. The Thermocron still needs to be programmed through a PC.

Simply touch the TC-Spy to the Thermocron to find

- If any temperatures have been too high or too low
- When they occurred
- For how long

Hold the TC-Spy onto the Thermocron for 10seconds to

- Stop the current mission of the Thermocron is running or
- Restart the Thermocron using the last settings



Onsolution also has a range of Data Loggers and Food Safety Educational Material available. Visit www.onsolution.com.au for information