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Thermocron TC Ultra

Ultra High Temperature Logger

**UP TO
140°C**

Thermocron TC Ultra is the temperature logger that is designed to withstand temperatures up to 140°C.

Uses

- Autoclaves
- Laboratory Ovens
- Steam Baths
- Water Baths
- Incubators
- Ideal for Flammable Areas (Intrinsically Safe)

Features and Benefits

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

What is a Temperature Logger? The Thermocron TCU is a “thermometer with a memory” that has been designed to record temperatures up to 140°C. The memory will hold between 8,000 temperature readings at 0.5°C resolution and 4,000 temperature readings at 0.0625°C resolution. These readings are then downloaded and stored onto a PC using eTemperature and a Thermocron Reader.

How is it Used?

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

Specifications			
Minimum Temperature	15°C	Size	17.5mm x 17.5mm x 6mm
Maximum Temperature	140°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	4000 readings at 0.0625°C resolution 8000 readings at 0.5°C resolution
Housing Material	Stainless Steel	Guarantee	3 months

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

