

CWE Temperature Control

TC-1000 Temperature Controller

Artifact-free temperature maintenance for small animals

- Systems for mice, rats, & cats
- Accurate, proportional controller
- Uses standard YSI thermistor probes
- Adjustable temperature alarms
- No interference; works with sensitive recording set-ups

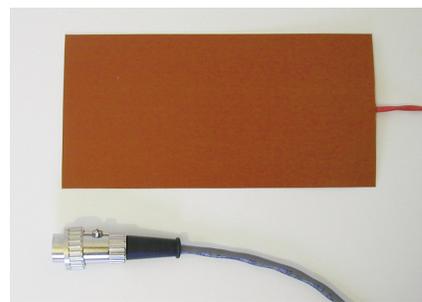


CWE's **TC-1000 Temperature Controller** monitors and controls the body temperature of small animals. This instrument features a low-voltage DC proportional controller to provide artifact-free heating using a resistive heating blanket. The smooth control eliminates electrical transients. An LCD panel displays the current body temperature, the targeted set-point temperature, alarm settings, and a heater power bar graph. An analog output provides a linear voltage corresponding to temperature.

The controller uses standard YSI-400 series thermistor probes to suit the animal being monitored. Heating pads are available in mouse, rat, or cat size.

The TC-1000 controller is simple to operate. After plugging in the probe and heating pad, the animal's temperature is shown on the display. The set-point temperature and alarm band are also displayed, both being adjustable using a single knob. An over/under temperature alarm with adjustable hysteresis is pushbutton activated. The unit automatically detects fault conditions such as a disconnected probe or heating pad.

(Rat probe and Rat heating pad shown below)



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