

# Temperature Controller

Accurate, versatile homeothermic controller for a range of animals



**Product codes:**

Reference: TC-1000

## Product description:

TC-1000 Temperature Controller monitors and controls the body temperature of small animals. This microprocessor-based instrument features a low-voltage DC proportional controller to provide artifact-free heating using a resistive heating blanket. The smooth Proportional-Integral-Derivative (PID) control eliminates the electrical transients common to on/off type controllers. A front-panel 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.

## Product features:

## Available models

Composition: Control unit only (TC-1000), Control unit, YSI-451 miniature thermistor probe for mice (1mm dia) and Heating Pad Mouse: 3 x 6 in (TC-1000Mouse), Control unit, YSI-402 thermistor probe for rats (3mm dia) and Heating Pad Rat: 5 x 7 in (TC-1000Rat), Control unit,

YSI-401 thermistor probe for cats (4.75mm dia) and Heating Pad Cat: 10 x 18 in (TC-1000Cat)

