

»1-ch Temperature Controller



The **TC201** Hemeothermic Blanket System, also called Temperature Controller, is designed to maintain a constant temperature of a subject. The proportional DC power supply slowly varies its output to the heating element based on the resistance of the monitoring thermistor. Electrical noise and switching transients common in AC-based devices is eliminated.

You could choose the temperature of the blanket or probe as the target.

It has an easy-to-read three digit LED display on the front panel indicating the subject or liquid temperature in tenths of a degree Celsius.

The Rectal Thermistor Probe is small enough (Ø1.5mm and Ø2.0mm diameter) to maintain the body temperature of a range of mammals (mouse, rat, cat etc.). Heating blankets are available in sizes suitable for any application.

The standard configurations include Main Unit, one 120*205MM Blanket and one Ø1.5mm probe.

No.	Cat no.	Description	No.	Cat no.	Description
1	36-0001	1-ch Temperature Controller, 90-264V	6	36-2005	Customized Blanket, 150*250MM, 12V15W, 2-pin
2	36-2013	Blanket, 70*100MM, 12V8W, 5-pin	7	36-2006	Customized Blanket, 400*600MM, 12V15W, 2-pin
3	36-2014	Blanket, 120*205MM, 12V35W, 5-pin	8	36-2007	Customized Blanket, 200*350MM, 12V40W, 2-pin
4	36-2001	Rectal Probe for Mice, ø1.5*15MM	9	36-2008	Customized Blanket, 300*500MM, 12V50W, 2-pin
5	36-2002	Rectal Probe for Rat, ø2*30MM	10	36-2009	Customized Blanket, 120*400MM, 12V40W, 2-pin

»4-ch Temperature Controller



For intraoperative and postoperative surgery, it is often necessary to maintain the animal body temperature and monitor changes in rectal temperature in real-time to ensure stable vital signs. The **TC204** Animal Warming Device is an ideal solution for this need, particularly suitable for small and medium-sized animals such as mice, rats, rabbits, and cats. It is widely used in universities, medical schools, and research institutions. The device features an LCD touch-display, high precision, stable temperature monitoring, a compact and elegant design, and space-saving.

The standard configurations include Main Unit, two 120*205MM Blankets and two Ø1.5mm probes.

- ★ Simultaneously displays the heating pad set temperature and rectal temperature feedback.
- ★ Automatic feedback heating function to maintain animal body temperature.
- ★ Can control and monitor 1-4 channels, warming 1-4 animals independently.
- ★ Offers two control modes: heating pad (Pad) and temperature probe (Probe), allowing flexible selection based on experiments.
- ★ Supports both °C and °F units to meet different customer needs.
- ★ Allows setting upper and lower temperature limits.
- ★ Includes heating pad and temperature probe detachment monitoring.
- ★ Target Temperature Setup: 10-50°C, 0.1°C Resolution.
- ★ Power Supply: 90-264V 50.60Hz input, 24V8.3A output

No.	Cat no.	Description
1	36-0004	4-ch Temperature Controller, 90-264V
2	36-2013	Blanket, 70*100MM, 12V8W, 5-pin
3	36-2014	Blanket, 120*205MM, 12V35W, 5-pin
4	36-2001	Rectal Probe for Mice, ø1.5*15MM
5	36-2002	Rectal Probe for Rat, ø2*30MM