

Temperature Controllers

For Heating and/or Cooling

TC-10 / TC-20

Heat-only temperature controller

- TC-10: one heating channel (12 V, 2.5 A)
two thermometers
- TC-20: two independent channels (12 V, 2 x 2 A)



PTC-10 / PTC-20

Heating & Cooling temperature controllers

- Heating and cooling with powerful bipolar output
- PTC-10: one channel (± 12 V, 3.5 A)
two thermometers
- PTC-20: two independent channels (± 12 V, 2 x 3 A)



MTC-20/2SD

Simple heat-only temperature controller

- one heating channel (12 V, 1 A)
two thermometers
- Suitable for perfusion heating, chamber heating



Common features of all npi temperature controllers:

- Designed for use in sensitive electrophysiological recordings
- **No switching artefacts** due to analog control
- **No electrical noise** due to linear power supply
- Adjustable feedback speed allows use with multiple devices



Temperature Control - Accessories

Perfusion heaters



Perfusion heaters/coolers



Heating/cooling Microincubator



Heated microscope stage



Heat sink for Peltier devices



Objective heater



Temperature sensors



TS-100: 2.5 mm x 6 mm
(with waterproof cover)



TS-200: 0.8 mm x 6 mm



TS-CAB: connection cable for sensors

Animal heating pads



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