

HOT-1, Objective Heater, Heating Pads

Hot-1

Hand Held Heat Only Controller

ALA Scientific's Hot-1 is a handheld temperature controller for use on devices like ALA's objective heater or rat/mouse pads.

- Temperature set point and reading
- Thermistor feedback of temperature
- Includes power supply

Specifications	
Dimensions/Weight	95x64x28mm / 135g
Power Input	15VDC/3A
Thermistor Feedback	25°C @2252Ω
Temperature Range	ambient to 45°C
Temperature Accuracy	+/- 1°C



Ordering Information	
Hot-1	Handheld temperature controller

OBJ-HEATER

Objective Heater



Specifications	
Thermistor	2252Ω @ 25°C
Max. Power	12V
Power Element	22Ω
Connector	Straight 4-pin keyed
Heater Dimensions	1 1/2"/2.54cm x 4"/10.16cm

ALA Scientific's Objective Heater features a resistive heater and built-in temperature sensor in a Velcro strap for wrapping around any size objective. The objective heater is excellent for removing cold spots caused by oil or water immersion objectives when performing electrophysiology or imaging experiments under temperature control. The Objective Heater includes a 4 pin connector for direct connection to the HOT-1. - Cable connection to ALA's or npi's temperature controllers are sold separately.

Ordering Information	
OBJ-HEATER	Objective heater with velcro adjustment
TC4-CABLE	cabel connection to 8 pin DIN ports

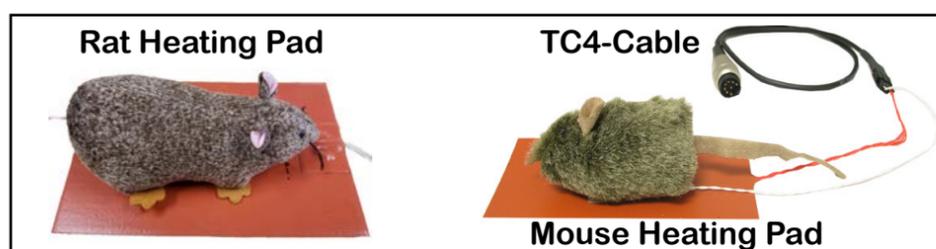
Heating Pad

for Mice/Rats

ALA Scientific's Heating Pads actively maintains an animal's body temperature at pre-set target values for in vivo research. The homeothermic blanket system includes a heating pad with 4 pin connector. The probe is a feedback sensor which provides the temperature

of the animal body to the temperature controller. The Heating Pads come with a thermistor temperature sensor and a 4 pin connector. This connector mates directly with ALA's HOT-1 handheld temperature controller. Cable connection to ALA's or npi's temperature controllers are sold separately.

Specifications		
	Mice	Rats
Thermistor	2252Ω @ 25°C	2252Ω @ 25°C
Max. Power	12V, 10Ω	12V, 10Ω
Max. Output	12V; 14Watts	12V; 14Watts
Connector	4-pin	4-pin
Pad Dimensions	4.9"/125 x 2.56"/65 x .04"/1mm	9"/229 x 6"/152 x .04"/1mm
Max. Temperature	45°C	45°C
Materials	Silicone Rubber	Silicone Rubber
Weight	9g	93g



Ordering Information	
HEATINGPAD-1	Mouse Heating Pad
HEATINGPAD-2	Rat Heating Pad