



RightTemp® Jr. User's Guide

The RightTemp Jr. is designed to monitor and control the temperature of a far infrared warming pad by using animal temperature feedback.

This product is not designed, intended or authorized for use in human applications.

Included Equipment

- (1) Controller
- (1) Far infrared warming pad
- (2) Temperature sensors
- (1) Power Adapter
- (1) Power Cord

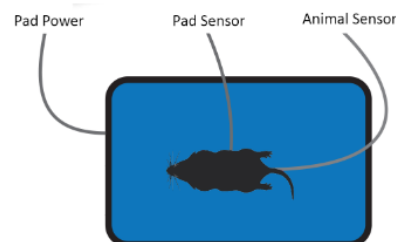
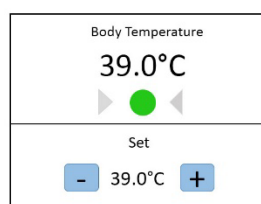
Set Up Hardware:

1. Connect the power supply to the back of the controller and flip the power switch to "On".
2. Connect the far infrared warming pad to the "Pad Power" connection on the back of the controller.
3. Secure one of the temperature sensors to the center of the warming pad using tape, then connect the sensor to the "Pad" connection on the back of the controller.
* If using the included disposable pad covers, make sure the sensor is positioned prior to covering the pad.
4. Insert the other temperature sensor into the animal's rectum and secure, then connect the sensor to the "Animal" connection on the back of the controller. Position the animal in the center of the pad directly over the pad sensor.

RightTemp Jr. Settings

Animal Temperature Regulation (requires use of both pad and animal temperature sensors)

1. Use the – and + icons to adjust "Set" temperature, this is your desired animal temperature.
2. The pad will automatically begin warming.
3. Certain colors on the screen advise you as to the status of the warming pad.
 - a. If the arrow on the left side is Blue: the "Body Temperature" is below target.
The warming pad will actively warm to reach "Set" temperature.
 - b. If the circle in the center is Green: "Body Temperature" equals "Set" temperature.
The warming pad will maintain "Set" temperature.
 - c. If the arrow on the right side is Red: "Body Temperature" is above "Set" temperature.
The warming pad will decrease warming until it reaches "Set" temperature.





Unregulated Warming (requires use of pad temperature sensor only)

In unregulated warming mode, the RightTemp Jr. warms the pad, but the warming level is not controlled by animal temperature. Instead, you can control the pad warming by setting the percentage of maximum power going to the pad.

1. Connect the power supply to the back of the controller and flip the power switch to “On”.
2. Connect the warming pad to the “Pad Power” connection on the back of the controller.
3. Secure one of the temperature sensors to the center of the warming pad using tape, then connect the sensor to the “Pad” connection on the back of the controller. If using the included disposable pad covers, make sure the sensor is positioned prior to covering the pad.

Tip: Unregulated Warming does not include any temperature control. The pad can become very hot if used at high warming percentages.

Tip: If you wish to switch from “Animal Temperature Regulation” to “Unregulated Warming” during use, you must remove the animal temperature sensor and recycle power to the controller. To switch back to “Animal Temperature Regulation” simply plug the animal temperature sensor back into the controller.

NOTE: In Unregulated Warming, the “Pad Temperature” is not an indication of “Animal” temperature. Animal temperature can only be regulated when using both sensors in Animal Temperature Regulation Mode.

[FAQ and Troubleshooting](#)

| Problem | Possible Cause | Solutions |
|---|----------------------------|--|
| Pad is not heating to sufficient temperature | Incorrect settings | Ensure that temperature or power is properly set. |
| | Incorrect sensor placement | Place pad sensor directly beneath the animal. |
| Pad is overheating | Incorrect settings | Ensure that temperature is properly set. |
| | Incorrect sensor placement | Place pad sensor directly beneath the animal. |
| No Sensor Error, or Sensor is reading incorrect temperature | Incorrect sensor placement | Ensure sensor(s) are fully inserted into the back of the controller. |
| | Pad sensor not working | Contact Kent Scientific for assistance. |



Care and Maintenance

- Use the disposable warming pad covers to prevent soiling the warming pad.
- Wipe the controller and warming pad with a damp cloth if needed. Never saturate the warming pad.
- Clean the sensors with germicidal or antiseptic soap and water. Do not use organic solvents or alcohol.

General Information

Thank you for purchasing the RightTemp Jr. We truly appreciate your business. We strongly advise that you read and study this User's Guide to appreciate fully all the features, benefits, and capabilities of the RightTemp Jr.

Contact Information

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