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## Syringe Heater

Heater Kit is shown for demonstration purposes. Syringe pump and syringe are not included with Heater Kit.

**Model: HEATER-KIT-1LG**

### Description:

Heating device for syringes that require temperature-controlled dispensing. Heats up to 185°C.

### Specification Notes:

- Digitally set the heater set point
- Set point and other parameters retained in memory
- Controller will heat the syringe and hold the set temperature using an on/off or Thermo-kinetic control algorithm.
- Dual temperature sensors in primary heating pad.
- Alarm modes with multiple layers of protection to prevent temperature overrun.
- Heater Kit includes control unit and primary syringe heater pad HEATER-PAD1-1LG (88 mm x 75 mm).
- Please contact us about pump compatibility when heating syringes above 100°C, customization may be required.

If you are in a country where the voltage is above 120V, you must

- purchase a step-down transformer (Model: PWR-220-110-E) along with the Heater Kit.

Multiple syringe heater pads can be attached to the control unit, under

- restricted conditions.



**Model: HEATER-PAD2-1LG**

### Description:

This is for attaching a second heating pad to HEATER-KIT-1LG.

## Specification Notes:

- Only use identical primary and secondary heater pads together.
- Each syringe heater control unit uses only the primary heating pad to sense temperature. All secondary heater pads connected to that control unit function according to temperature at the primary heater pad.
- Careful consideration should be taken when using secondary/slave heater pads.
- For different temperatures or variable environments, use separate control units with primary heater pads.



**Model: HEATER-PAD3-1LG**

### Description:

This is for attaching additional heating pads to HEATER-KIT-1LG along with HEATER-PAD2-1LG.



### Specification Notes:

- Only use identical primary and secondary heater pads together.
- Each syringe heater control unit uses only the primary heating pad to sense temperature. All secondary heater pads connected to that control unit function according to temperature at the primary heater pad.
- Careful consideration should be taken when using secondary/slave heater pads.
- For different temperatures or variable environments, use separate control units with primary heater pads.
- Plugging more than 12 syringe heater pads onto one controller is not recommended.

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LAB RESEARCH PRODUCTS

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