

New Era Pump Systems, Inc.

Syringe Heater Kit - www.syringeheater.com

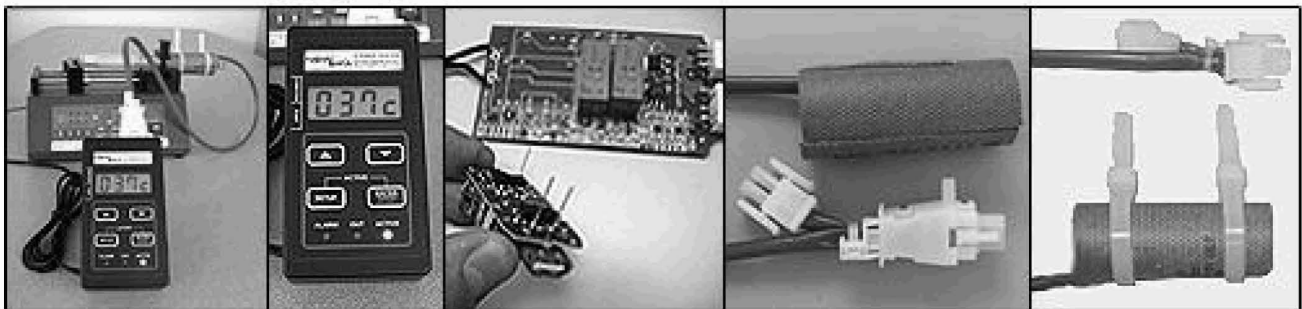
Thermo-Kinetic Heat Clamping

The Syringe Heater controls the power to a heating pad with a temperature sensor. It is controlled from a microcontroller based system which monitors and regulates the temperature on the heating pad. Heats up to 185°C. Syringe Heater includes control unit, primary syringe heater pad and User Manual. Syringe pump & syringe not included with syringe heater.

Model: HEATER-KIT-1LG

Model: HEATER-PAD2-1LG

Model: HEATER-PAD3-1LG

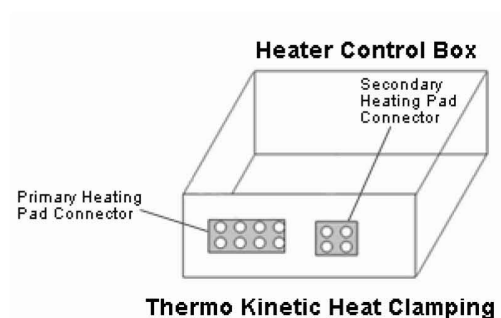
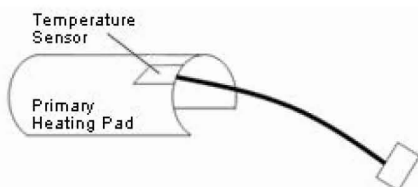


Features:

- User adjustable Thermo-Kinetic Heat Clamping for regulation of Set Point temperature.
- RS-232 bi-directional control from a computer with built-in RS-232 network driver.
- RS-232 network supports up to 100 heaters, pumps & other devices from one computer port.
- Power Failure Mode: Restarts the heater Active Mode after a power interruption.
- Selectable temperature units of Celsius or Fahrenheit.
- Non-volatile memory of all operating parameters.
- Maximum temperature of 185°C.

Easy Setup:

Attach the primary heater to larger connector (8 pin) to the end of the syringe heater control box. Wrap the heating pad around the syringe body. See User Manual for detail instructions.



NEW ERA
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SyringePump.com

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New Era Pump Systems, Inc.

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SyringePump.com

User Interface:

The controller will display the current default temperature of the primary heating pad, in the selected units of C or F.

LEDs indicate the status of the heater.

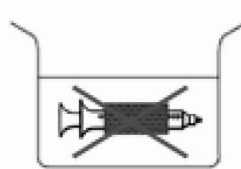
| | |
|--------|---|
| ACTIVE | Temperature Set Point is actively being maintained. |
| OUT | Heating pads are being powered and the flashing indicates on/off power duty cycle to slow down heating when near Set Point. |
| ALARM | Heating pad temperature is greater than 20°C about the Set Point. |



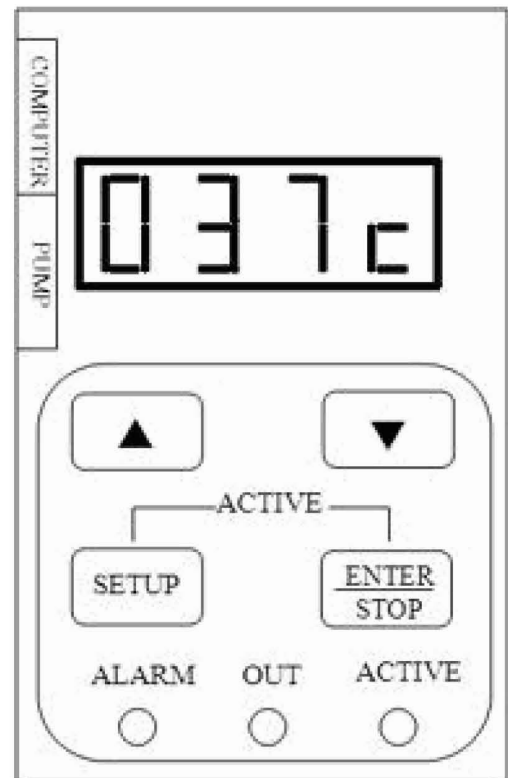
CAUTION
Risk of
electric shock



CAUTION
Heating pad
surface will get
very HOT

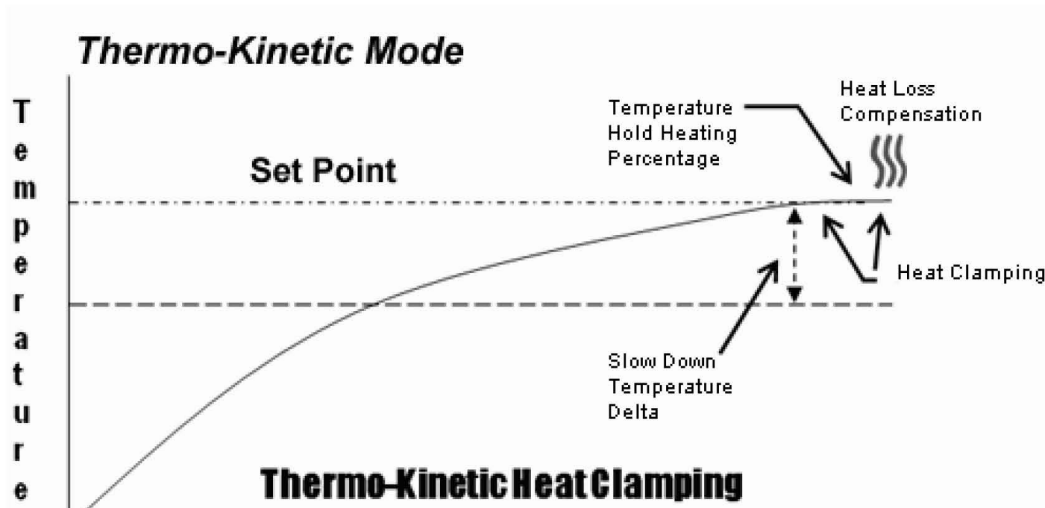


CAUTION
Do not submerge
in water



Operation:

The syringe heater constantly monitors and displays the temperature measured on the primary heating pad. Thermo-Kinetic Mode reduces the average power to the heating pads by dynamically reacting to changes in the temperature measurement and rate change.



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