

**PID DIGITAL TEMPERATURE CONTROLLERS**

**LYNX Temperature Controller Sets**

(LYNX Series)

- ▶ Compact PID control system with autotuning that controls almost any heater
- ▶ Everything needed to plug-and-play
- ▶ 3-button touchpad programming and large 3-digit display
- ▶ Latching alarms for high and low temperature

**Benefits:**

- Versatile – Can be used as a single zone controller or be connected together for a system of temperature control. Grows with your application
- Able to be used with a wide variety of electrical heaters
- Uses a minimal amount of benchtop space
- Easy to program and provides precise control
- Easily visible LED for alarm conditions: High temperature limits, low temperature limits, and more

**Set Includes:**

- LYNX® Temperature Control Module
- Docking Station Assembly with Choice of Heater and Sensor Ports
- 6 ft (1.8 m) Power Harness with Choice of Plugs
- 5 ft (1.5 m) Temperature Sensor to Match Docking Station Assembly
- Benchtop Stand for Mounting LYNX® Docking Station

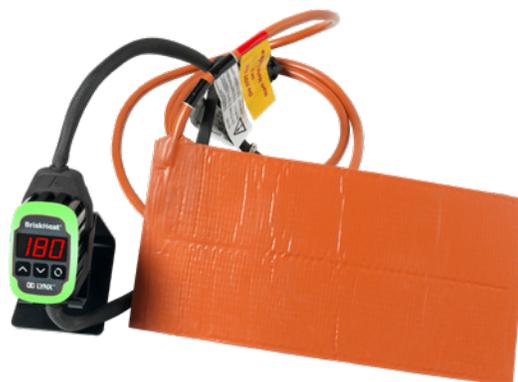
**NEW!**



**PLUG  
and  
PLAY**



Heaters sold separately



**Ideal with a wide variety of heaters**

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(LYNX Series)

**Specifications:**

**Temperature Control Range:** 32°F to 1100°F (0°C to 593°C)

**Sensor Input:** 5 ft (1.5 m) long included; Choice of PT100 RTD; Type-J and Type-K Thermocouples

**Alarms:** Multi-color LED display with highly visible viewing

**Power Cord:** 6 ft (1.8 m) power harness with plug. See ordering information for choices

**Heater Connection:** Receptacle is on docking station assembly as indicated in ordering information

**Minimum Voltage:** 100 VAC

**Maximum Voltage:** 277 VAC (North America), 240VAC (Worldwide)

**Maximum Continuous Amp Load per Zone:** 7 amp at 77°F (25°C) ambient; 4 amp at 104°F (40°C)

**Communication Method:** Modbus RTU over RS-485. Optional power harnesses with communication cable and operator interfaces are available upon request. See options starting on page 8-7 and 8-9

**Ingress Protection Rating:** IP20

**Agency Approvals for LYNX® Temperature Control Module:** 

Additional specifications for LYNX can be found on page 8-6

**Ordering Information:**

Input Power	Heater Connection	Temperature Sensor	LYNX Set Part Number
NEMA 5-15 Plug	NEMA 5-15 Receptacle	Type-J Thermocouple	<b>LYNX-SET-JA</b>
		Type-K Thermocouple	<b>LYNX-SET-KA</b>
		PT100-RTD Sensor	<b>LYNX-SET-RA</b>
NEMA 6-15 Plug	NEMA 6-15 Receptacle	Type-J Thermocouple	<b>LYNX-SET-JD</b>
		Type-K Thermocouple	<b>LYNX-SET-KD</b>
		PT100-RTD Sensor	<b>LYNX-SET-RD</b>
Schuko CEE 7/7 Plug	Harting Q 2/0 Receptacle with mate	PT100-RTD Sensor	<b>LYNX-SET-RC</b>
IEC Type I	IEC13 Receptacle with mate	Type-J Thermocouple	<b>LYNX-SET-JI</b>
		Type-K Thermocouple	<b>LYNX-SET-KI</b>
		PT100-RTD Sensor	<b>LYNX-SET-RI</b>



**LYNX® Sets are compatible with a wide variety of LYNX® accessories including Operator Interfaces, Power Harnesses with Modbus RTU communication cables, and more.**

**See options starting at page 8-7**