

SDX DIGITAL PID BENCHTOP TEMPERATURE CONTROLLER

Features & Benefits

- ▶ Compact benchtop temperature controller with advanced PID control or on/off control capabilities
- ▶ 4-key touch pad interface
- ▶ For indoor, dry environment applications
- ▶ Includes 5 ft (1.5 m) temperature sensor and C14 power plug for wiring controller to heater



Specifications

Voltage: 100 – 240 VAC

Maximum Amp Load: 15 amps North America; 10 amps Europe

Temperature Control Range: 0°F to 999°F (0°C to 999°C)

Temperature Display Units: °F and °C

Sensor Input: Type-J or Type-K Thermocouple, or PT100-RTD

Accuracy: ±0.5% span ±1 digit at 77°F (25°C)

Alarms: Audible; Programmable for high or low absolute, or deviation

Input Power Cord/Connections: 6.5 ft (2 m) long with input power plug based on model

Output Power Cord/Connection: C13 receptacle with mating C14 plug

Special Features: Digital PID with Autotuning

Environmental Exposures:

Operating range: 32°F to 111°F (0°C to 44°C)











Storage range: -4°F to 158°F (-20°C to 70°C)

Relative humidity: < 95% non-condensing temperatures

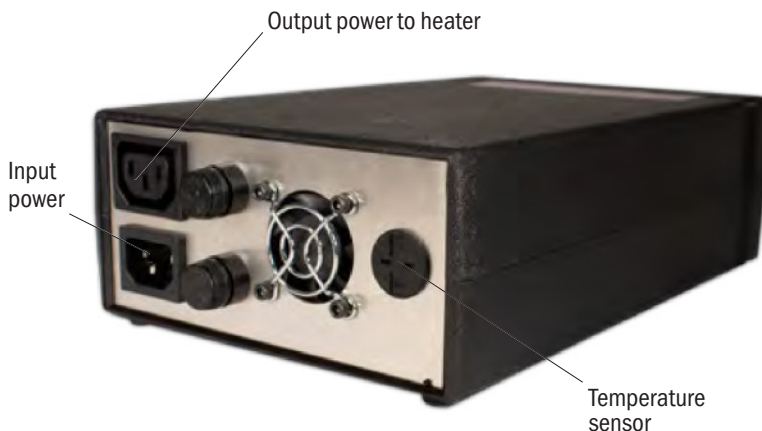
Enclosure Dimensions: 6.4 in W x 2.6 in H x 9.5 in L
(162 mm D x 66 mm H x 241 mm L)

Bundles are available that include SDX controllers with our most popular heaters. See Temperature Controllers with Heater Bundles on page 164.

Ordering Information

Part No.	Voltage	Sensor Type	Input Plug Type	Power Cord Part No. (Included)	Approvals
SDXJA		Type-J/T/C	NEMA 5-15		
SDXKA	100-125 VAC	Type-K/T/C		40911	
SDXRA		PT100-RTD			
SDXJB		Type-J/T/C	Ferrule Ends		
SDXKB	100-240 VAC	Type-K/T/C		40911-12	
SDXRB		PT100-RTD			
SDXJC		Type-J/T/C	NEMA 6-15		
SDXKC	100-240 VAC	Type-K/T/C		40911-01	
SDXRC		PT100-RTD			
SDXJD		Type-J/T/C	Schuko		
SDXKD	100-240 VAC	Type-K/T/C		41329-03	
SDXRD		PT100-RTD			
SDXJE		Type-J/T/C	UK Type G		
SDXKE	100-240 VAC	Type-K/T/C		40911-11	
SDXRE		PT100-RTD			

For replacement sensors, see page 181.



C14 plug for heater
Does not come
pre-assembled to heater