

SDX DIGITAL PID BENCHTOP TEMPERATURE CONTROLLER

NEW!

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)

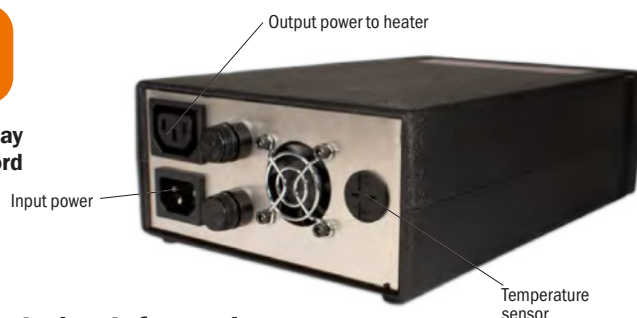
Relative humidity: < 95% non-condensing temperatures

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.



Plug & Play Power Cord



Output power to heater

Input power

Temperature sensor

Ordering Information Controllers

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	UL US LISTED
SDXRA		PT100-RTD			
SDXJB		Type-J T/C	Ferrule Ends		
SDXKB	100-240 VAC	Type-K T/C		40911-12	CE
SDXRB		PT100-RTD			
SDXJC		Type-J T/C	NEMA 6-15		
SDXKC	100-240 VAC	Type-K T/C		40911-01	UL US LISTED
SDXRC		PT100-RTD			
SDXJD		Type-J T/C	Schuko		
SDXKD	100-240 VAC	Type-K T/C		41329-03	CE
SDXRD		PT100-RTD			
SDXJE		Type-J T/C	UK Type G		
SDXKE	100-240 VAC	Type-K T/C		40911-11	CE
SDXRE		PT100-RTD			

For replacement sensors, see page 181.



SDX shown with HL high-limit controller and SRL heating blanket