CONTROLLERS

SDX DIGITAL TEMPERATURE CONTROL-

- 4-Key touch pad interface
- Advanced PID control
- Programmable for On/Off Control
- Indoor use
- Plug & Play
- Power On/Off button
- Power cord plugs and sensors to meet individual needs
- Programmable in both °F and °C
- Includes C14 Plug for wiring to heater
- Benchtop design

Specifications:
Voltage: 100 – 240 VAC
Max. Amp Load: 15 Amp North America; 10 Amp Europe
Temperature Control Range: 0°F to 999°F and 0°C to 999°C
Temperature Display Units: °F and °C
Sensor Input: Type-J or Type-K Thermocouple, or PT100-RTD (sold separately)
Accuracy: +/- 0.5% span +/- 1 digit at 25°C
Alarms: Audible; Programmable for high or low absolute, or deviation
Input Power Cord/Connections: 79 in (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 x 2.6 in x 9.5 in (162 mm x 66 mm x 241 mm)

Applications:
Provides accurate PID control across a wide temperature range to regulate cloth and silicone heating blankets, tapes and cables, jackets and heating mantles. Applications include:

- Research and development laboratory testing
- Industrial heating and drying
- Food processing
- Adhesive curing
- Gas handling
- Emulsifying cosmetic components
- Viscosity control
- Freeze protection

Ordering Information:

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See page 140 for bundles including SDX controllers with our most popular heaters

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