

SDC Digital On/Off Benchtop Temperature Controller

Product Highlights

- ✓ Affordable and compact
- ✓ Compatible with a wide range of heaters and applications
- ✓ Easy-to-use programmable digital controller, self contained, plug and play design
- ✓ Includes thermocouple and power output cords



Heater Sold Separately

Specifications:

- Size:
 - Length: 5.5" (140mm)
 - Width: 4.25" (108mm)
 - Height: 1.75" (45mm)
- On-Off control
- Temperature control range:
 - °F models: 32°F to 999°F - Accuracy: +/- 1% FS
 - °C models: 0°C to 700°C - Accuracy: +/- 1% FS
- Includes 5-foot (1.5 m) factory installed J-type or K-type thermocouple sensor
- 120 VAC or 240 VAC power input
- Relay output rated for 10A @ 120/240 VAC
- Sensor break options
- Upper and lower limits of the setpoint can be adjusted
- Hysteresis: Adjustable setting from 1° to 99° (F or C)
- Exposure temperature: 32°F to 158°F (0°C to 70°C)
 - 80% humidity non-condensing
- 5-foot (1.5 m) input power cord
 - 120VAC unit = NEMA 5-15 plug
 - 240VAC unit = NEMA 6-15 plug
- 5-foot (1.5 m) output power cord
 - 120VAC unit = NEMA 5-15R receptacle
 - 240VAC unit = NEMA 6-15R receptacle*
- Internal buzzer for alarm condition/error

Note: Other plug receptacle options available. Contact us for more information.

Ordering Information:

Part Number	Voltage	Degrees C or F	Thermocouple Type
SDC120JF-A	98-132VAC	° F	J-Type
SDC120KF-A	98-132VAC	° F	K-Type
SDC120JC-A	98-132VAC	° C	J-Type
SDC120KC-A	98-132VAC	° C	K-Type
SDC240JF-A	184-253VAC	° F	J-Type
SDC240KF-A	184-253VAC	° F	K-Type
SDC240JC-A	184-253VAC	° C	J-Type
SDC240KC-A	184-253VAC	° C	K-Type

* **Plug Option:** Add an "E" at the end of the part number for input power leads with ferrule wire crimped termination. i.e. SDC240JC-AE
 Provided with loose NEMA 6-15 plug.

