



Model
CA20

Thermocouple Calibrator

Accepts Type J Thermocouples, High/Low Alarm, Selectable Resolution



Thermocouple
Calibrators



Dual function CA20 Thermocouple Calibrator can be used to source Type J thermocouple output values or measure Type J thermocouples. Quickly select output value using the rotary switch with coarse and fine adjustments. Model CA20 accepts up to two Type J thermocouples and features data hold and max functions. Measurements are displayed on a 3-1/2 digit backlit display. Units include a 4" (100 m) Type J bead wire temperature probe, calibration cable, 9V battery and instruction manual.

Model CA20, Thermocouple Calibrator

SPECIFICATIONS

Measurement Range: -40 to 1400°F (-40 to 760°C), selectable.

Thermocouple Input: Type J.

Input Protection: 24 VDC or 24 VAC rms max input voltage on any combination of input pins.

Accuracy: $\pm 0.1\%$ rdg. $+2^\circ\text{F}$ on -40 to 1400°F; $\pm 0.1\%$ rdg. $+1^\circ\text{C}$ on -40 to 760°C, over operating temperature of 64 to 82°F (18 to 28°C).

Output Range: -328 to 2192°F (-210 to 1200°C).

Display: 0.8" (20 mm) height, 3-1/2 digit LCD with switchable back light.

Resolution: Selectable 1° or 0.1° .

Reading Rate: 2.5 times/second.

Ambient Operating Temperature:

32 to 122°F (0 to 50°C) max 80% RH.

Storage Temperature: -4 to 140°F (-20 to 60°C) max 70% RH.

Thermocouple Connection: Standard female mini-connector.

Power Requirements: 9V alkaline (included).

Battery Life: 200 hours typical.

Temperature Coefficient: 0.1 times the applicable accuracy specification per °F from 32 to 64°F and 82 to 122°F (0 to 18°C and 28 to 50°C).

Housing Material: ABS plastic.

Weight: 15.5 oz (440 g).

Agency Approvals: CE.