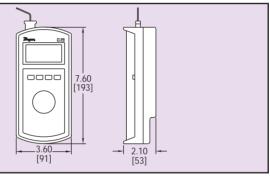


Thermocouple Calibrator Accepts Type K Thermocouples, High/Low Alarm, Selectable Resolution







Dual function CA10 Thermocouple Calibrator can be used to source Type K thermocouple output values or measure Type K thermocouples. Quickly select output value using the rotary switch with coarse and fine adjustments. Model CA10 accepts up to two Type K 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 K bead wire temperature probe, calibration cable, 9V battery and instruction manual.

Model CA10. Thermocouple Calibrator

SPECIFICATIONS

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

Thermocouple Input: Type K. Input Protection: 24 VDC or 24 VAC

rms max input voltage on any combination of input pins.

Accuracy: ±0.1% rdg. + 2°F on -40 to 1400°F; ±0.1% rdg. +1°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, 3-1/2digit 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 (in-

cluded).

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.