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 backlight display. Units include a 4" (100 m) Type K bead wire temperature probe, calibration cable, 9V battery and instruction manual.

Model CA10, Thermocouple Calibrator

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 backlight 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

**Model CA10**

- **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, 3-1/2-digit LCD with switchable backlight.
- **Resolution:** Selectable 1° or 0.1°.
- **Reading Rate:** 2.5 times/second.

**Model CA20**

- **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:** ±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, 3-1/2-digit LCD with switchable backlight.
- **Resolution:** Selectable 1° or 0.1°.
- **Reading Rate:** 2.5 times/second.

### Ambience Operating Temperature

- **Model CA10:** 32 to 122°F (0 to 50°C) max 80% RH.
- **Model CA20:** -4 to 140°F (-20 to 60°C) max 70% RH.

### Storage Temperature

- **Model CA10:** -4 to 140°F (-20 to 60°C) max 70% RH.
- **Model CA20:** -4 to 140°F (-20 to 60°C) max 70% RH.

### Housing Material

- **Model CA10:** ABS plastic.
- **Model CA20:** ABS plastic.

### Weight

- **Model CA10:** 15.5 oz (440 g).
- **Model CA20:** 15.5 oz (440 g).

### Agency Approvals

Model CA10, Thermocouple Calibrator

Model CA20, Thermocouple Calibrator

**CALL TO ORDER:**  U.S. Phone 219 879-8000  •  U.K. Phone (+44) (0)1494-461707  •  Australia Phone (+61) (0) 2 4272 2055

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