

Thermocouple Simulators



Model : 601J OR 601K

Features

Low cost, pocket size thermocouple Simulators.

These checkers are easy to use and provide a quick way for checking the performance of any type K or Type J Thermocouple instruments, fitted with a miniature thermocouple socket.

Ideal as a precision "SOURCE" for re-calibrating Thermometers, process Indicators and Controllers.

The checker can also be used to set up process devices to display in approximate engineering units. It enables the user to easily perform field recalibrations of meters or controllers.

Compact case features push button range selector switch for Single hand operation.

Bright Red LED s indicate the simulated temperature .

Red LED indicates if the battery power falls below a specific level.

Specifications

Type J

Type K

Range

0°C (32°F)

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100°C (212°F)

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200°C (392°F)

500°C (932°F)

400°C (752°F)

1000°C (1832°F)

Accuracy $\pm 0.5^{\circ}\text{C}$ ($\pm 1^{\circ}\text{F}$)

Power 9V PP3 Block Battery

Dimensions 75 x 100 x 30 mm. Weight 160g

Operating Instruction

1. Open the battery compartment and connect the 9V battery.
2. Connect the calibration lead wire to the Simulator with your device.
3. Turn on the power switch.
4. Press "SEL" button to select the desired temperature range and read the displayed value on your device. If the displayed value is the same as the simulator value your device is accurate to the set calibration temperature..

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