

MS7220

THERMOCOUPLE CALIBRATOR

MS7221

VOLT/mA CALIBRATOR

NEW
ITEM**MS7220**

MS7220 Thermocouple Calibrator is a precise source and measurement tool for calibrating thermocouple instruments through a thermocouple mini jack. The calibrator can be indicated in units of °C, °F, or mV.

- Measure temperature from TC output
- Simulate TC output
- Operable with eight types of thermocouples
- Calibrate linear TC transmitter with mV source function
- Selectable °F or °C

Specifications

	Measure / simulate thermocouple	Measure / simulate mV
Range	-200 to 1800°C, depending on type	-10 to 75mV
Resolution	0.1°C	0.01mV
Accuracy	$\pm(0.3^\circ\text{C} + 10\mu\text{V})$ *Note	$\pm 0.02\%$

*Note: 8 TC types; J K T E N R S B per NIST 175 and ITS-90

Weight: Approx. 350g (including battery)

Size: 190mm × 89mm × 42mm

Battery: Single 9V battery ANSI/NEDA 1604A or IEC 6LR619V

**MS7221**

MS7221 Volt/mA Calibrator is a source and measurement tool. This Calibrator can be used in measurement or output 0 to 24 mA DC current loop, and 0 to 10 V DC voltage.

- Display: 88888 counts
- Measure loop current signals with very high accuracy of 0.015% and 1 uA resolution
- Measure voltage output process signals from PLCs, transmitters
- Source or simulate 24 mA loop current
- Source voltage to 100 mV or 10V
- 24V loop supply with simultaneous current measurement

- Weight: 350g (include battery)
- Size: 190mm × 89mm × 42mm
- Battery: 9VDC, 006P or 1604

- DCV Measure: 0 ~ 100m V, 0 ~ 10 V $\pm 0.02\%$
- DCV Source: 0 ~ 100m V, 0 ~ 10 V $\pm 0.02\%$
- DCmA Measure(% of span): 0 ~ 24 mA $\pm 0.015\%$
- DCmA Source(% of span): 0 ~ 24 mA $\pm 0.015\%$

