

C.A 1621 temperature calibrator for thermocouple probes

The C.A 1621 is capable of measuring and simulating up to 8 types of thermocouple as well as a voltage in mV.

Specifications for measurement (input) / simulation (output):

Input/Output range	Resolution	Accuracy		
- 10 mV to 100 mV	0.01 mV	$\pm 0.025\% + 2$ counts		
Function	Range	Resolution	Accuracy	Reference junction error
Type J	- 200 to + 1,200 °C	0.1 °C	$\pm (0.3\text{ °C} + 10\text{ }\mu\text{V})$	$\pm 0.3\text{ °C}$
Type K	- 200 to + 1,370 °C	0.1 °C	$\pm (0.3\text{ °C} + 10\text{ }\mu\text{V})$	$\pm 0.3\text{ °C}$
Type T	- 200 to + 400 °C	0.1 °C	$\pm (0.3\text{ °C} + 10\text{ }\mu\text{V})$	$\pm 0.3\text{ °C}$
Type E	- 200 to + 950 °C	0.1 °C	$\pm (0.3\text{ °C} + 10\text{ }\mu\text{V})$	$\pm 0.3\text{ °C}$
Type R	- 20 to + 1,750 °C	1 °C	$\pm (1\text{ °C} + 10\text{ }\mu\text{V})$	$\pm 0.3\text{ °C}$
Type S	- 20 to + 1,750 °C	1 °C	$\pm (1\text{ °C} + 10\text{ }\mu\text{V})$	$\pm 0.3\text{ °C}$
Type B	+ 600 to + 1,800 °C	1 °C	$\pm (1\text{ °C} + 10\text{ }\mu\text{V})$	$\pm 0.3\text{ °C}$
Type N	- 250 to + 1,300 °C	0.1 °C	$\pm (0.3\text{ °C} + 10\text{ }\mu\text{V})$	$\pm 0.3\text{ °C}$

