



Process Calibration Tools > Temperature Calibrators >

Fluke 714 Thermocouple Calibrator

Product Search

- Product Home
- Features
- Specifications**
- Models, Pricing, Options, Accessories

- Manuals
- Product Registration
- Calibration and Metrology Training
- Data Sheet

Function specifications	
Measure / simulate thermocouple	Range: -200 to 1800 °C, depending on type Resolution: 0.1 °C Accuracy: 0.3 °C + 10 µV Note: 9 TC types; J K T E R S B per NIST 175 and ITS-90 L U per DIN 43710 and IPTS-68
Measure / simulate mV	Range: -10 to 75 mV Resolution: 0.01 mV Accuracy: 0.025% + 1 count

Specifications	
Display	LCD, 5 digit pressure and current simultaneous

Environmental Specifications	
Operating temperature	-10°C to 55°C
Storage temperature	-40°C to 60°C
Humidity (Without Condensation)	95% (10 °C to 30 °C) 75% (30 °C to 40 °C) 45% (40 °C to 50 °C) 35% (50 °C to 55 °C)
Operating Altitude	3,000m max

Safety Specifications	
Safety	CSA C22.2 No. 1010.1:1992

Mechanical & General Specifications	
Size	187 mm L x 87mm W x 32 mm (7.93 in. L x 3.86 in. W x 2.06 in D)
Weight	Approx. 330 g (21 oz)
Warranty	3 years
Shock & Vibration	Random, 2G, 5-500 Hz 1m drop test
Battery type	Single 9V battery ANSI/NEDA 1604A or IEC 6LR619V alkaline