

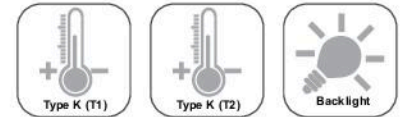
# DT-610B/DT-612/DT-613

## Thermocouple Thermometers



The 610B (single input) and 612(dual input) contact thermometers offer fast response and laboratory accuracy. The DT-613 (dual input) are microprocessor-based, digital thermometer designed to use external type K thermocouples (temperature probes) as temperature sensors. These thermometers work with type K thermocouples and offer 0.1°C/0.1°F resolution over the entire measurement range. A rugged holster protects three models.

**High Accuracy to 0.15% (613)**



- Type K thermometer with single or dual input direct or differential measurements to 0.1°
- Accuracy to 0.15% °C or °F readout (613)
- Electronic Offset function allows compensation of thermocouple errors to maximize overall accuracy
- Readout in °C, °F, or Kelvin(K)
- Auto Power Off (Sleep mode) prolongs battery life

**Dual Temperature input (612/613)**



Single or Dual Thermocouple Input



Large, easy-to-read LCD display with backlight



EMC  
EN: 50081-1, 50082-1

Features	610B	612	613
User Selectable °C or °F	*	*	*
User Selectable 0.1°C or 1°C(0.1°F or 1°F) Resolution	*	*	*
Type K Thermocouples	*	*	*
Single Thermocouple Input	*		
Dual Thermocouple Input		*	*
Wide variety of interchangeable Thermocouple Probes	*	*	*
Max Hold and Data Hold	*	*	*
Differential Temperature (T1-T2)		*	*
SCAN Function (T1, T2, T1-T2, MAX, HOLD.....)		*	*
LCD display with backlight	*	*	*

Specifications					
Function	Range	Basic Accuracy	610B	612	613
Temperature	-50~1300°C	±(0.5%±1°C)	Single Input	Dual Input	Dual Input
	-58~2000°F	±(0.5%±2°F)			
Resolution	0.1° or 1°		*	*	

Specifications (613)	
Range: -200°C to 1372°C (-328°F to 2501°F)	Basic Accuracy
T1, T2 Above -100°C (-148°F)	±[0.15%rgd+1°C(1.8°F)]
T1, T2 Blow -100°C (-148°F)	±[0.5%rgd+2°C(3.6°F)]
T1-T2	±[0.5%rgd+1°C(1.8°F)]
Type K Temperature Resolution	0.1°C/°F/K<1000°; 1°C/°F/K>1000°

Size(HxWxD): 165mm x 76mm x 43mm  
Weight: 403g

Accessories :  
9V battery, Holster with stand and Temperature probe.

