



UT701 Single Function Temperature Calibrator

Equipped with 10 thermocouple types, 4 RTD types, and voltage/resistance output function, UT701 is professional and convenient for users to calibrate and repair various temperature testers. Easy-to-operate keys, selectable steps and ramp outputs make operations efficient and accurate. It features LCD backlight, auto power off, bi-color injection case and 1m drop proof.

Applications:

Specifications	Type	Range	Accuracy
Source accuracy			
DC mV		100.000mV	$\pm(0.05\%+20)$
		1000.0mV	$\pm(0.05\%+3)$
Resistance (Ω)		500.0 Ω	$\pm(0.05\%+2)$
		5000 Ω	$\pm(0.05\%+2)$
Thermocouples	J	-20~1200°C (-328~2192°F)	$\pm 0.7^{\circ}\text{C}$
	K	-200~1370°C (-328~2498°F)	$\pm 1^{\circ}\text{C}$
	T	-200~400°C (-328~752°F)	$\pm 0.8^{\circ}\text{C}$
	E	-200~950°C (-328~1742°F)	$\pm 0.7^{\circ}\text{C}$
	R	-20~1750°C (-4~3182°F)	$\pm 1.4^{\circ}\text{C}$
	S	-20~1750°C (-4~3182°F)	$\pm 1.5^{\circ}\text{C}$
	B	600~1800°C (1112~3272°F)	$\pm 1.4^{\circ}\text{C}$
	N	-200~0~1300°C (-328~2372°F)	$\pm 0.9^{\circ}\text{C}$
	Wre325	0~2000°C (32~3632°F)	$\pm 1.8^{\circ}\text{C}$
	Wre526	0~2300°C (32~4172°F)	$\pm 1.8^{\circ}\text{C}$
RTDs	Pt10	-200~850°C (-328~1562°F)	$\pm(0.5\%+6^{\circ}\text{C})$
	Pt100		$\pm(0.05\%+0.6^{\circ}\text{C})$
	Cu50	-50~150°C (-58~302°F)	$\pm(0.05\%+0.6^{\circ}\text{C})$
	Cu100		$\pm(0.05\%+0.6^{\circ}\text{C})$

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Features	
Ramp functions	Source functions: Voltage, resistance, temperature
	Ramps: Slow ramp, fast ramp, 25% step-ramp
Step functions	Source functions: Voltage, resistance, temperature
	Steps: 25% of range, 100% of range
General Characterisitcs	
Power	9V battery (6F22)
Display	63mm x 40mm
Product color	Red and grey
Product net weight	410g
Product size	96mm x 193mm x 47mm
Standard accessories	Test leads, battery
Standard individual packing	Gift box, English manual, cloth bag
Standard quantity per carton	5pcs
Standard carton measurement	325mm x 225mm x 285mm
Standard carton gross weight	4.5kg