

UT701 SINGLE FUNCTION TEMPERATURE CALIBRATOR



- Up to 0.05% output accuracy
- 6 digit display
- Output functions: DC voltage, resistance, thermocouple, and thermal resistance
- 10 thermocouple scales
- 4 thermal resistance scales
- High precision automatic cold junction compensation for thermocouple outputs
- Manual stepping and automatic stepping and ramping
- Stores and recalls setups



	Type	Range	Accuracy
DC (mV)		100mV	±(0.05%+20)
		1000mV	±(0.05%+3)
Resistance (Ω)		500Ω	±(0.05%+2)
		5000Ω	±(0.05%+2)
Thermocouples	J	-20~1200°C (-328~2192°F)	±0.7°C
	K	-200~1370°C (-328~2498°F)	±1°C
	T	-200~400°C (-328~752°F)	±0.8°C
	E	-200~950°C (-328~1742°F)	±0.7°C
	R	-20~1750°C (-4~3182°F)	±1.4°C
	S	-20~1750°C (-4~3182°F)	±1.5°C
	B	600~1800°C (1112~3272°F)	±1.4°C
	N	-200~0~1300°C (-328~2372°F)	±0.9°C
	Wre325	0~2000°C (32~3632°F)	±1.8°C
	Wre526	0~2300°C (32~4172°F)	±1.8°C
RTDs	Pt10	-200~850°C(-328~1562°F)	±(0.5%+6°C)
	Pt100	-200~850°C(-328~1562°F)	±(0.05%+0.6°C)
	Cu50	-50~150°C(-58~302°F)	±(0.05%+0.6°C)
	Cu100	-50~150°C(-58~302°F)	±(0.05%+0.6°C)

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
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