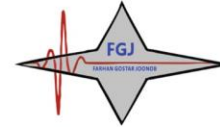


# UNI-T

## 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

### SPECIFICATIONS

Source accuracy	Type	Range	Accuracy
DC mV		100.000mV	±(0.05%+3)
		1000.0mV	±(0.05%+3)
Resistance (Ω)		500.0Ω	±(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		±(0.05%+0.6°C)
	Cu50		±(0.05%+0.6°C)
	Cu100	-50-150°C (-58-302°F)	±(0.05%+0.6°C)
<b>Features</b>			
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		



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### GENERAL CHARACTERISTICS

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

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