



UT701

Features

- 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
Certificates		
	CE, UKCA	
DC (mV)	100mV 1000mV	$\pm(0.05\%+20)$ $\pm(0.05\%+3)$
Resistance (Ω)	500 Ω 5000 Ω	$\pm(0.05\%+2)$ $\pm(0.05\%+2)$
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	-200~850°C (-328~1562°F)	$\pm(0.05\%+0.6^\circ\text{C})$
Cu50	-50~150°C (-58~302°F)	$\pm(0.05\%+0.6^\circ\text{C})$
Cu100	-50~150°C (-58~302°F)	$\pm(0.05\%+0.6^\circ\text{C})$
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	

Characteristics

Standard accessories	Test leads, battery, English manual
Power	9V battery (6F22)
Display	63 x 40mm
Product size	96 x 193 x 47mm
Product net weight	410g
Standard individual packing	Gift box, cloth bag
Standard quantity per carton	5pcs
Standard carton measurement	325 x 225 x 285mm
Standard carton gross weight	4.5kg