

Code: UT-139S

UNIVERSAL METER **UT-139S** UNI-T

The UT-139S is a universal digital meter used to measure: voltage, current, resistance, capacity, frequency, temperature and checking the correct operation of diodes. In addition, the meter has an electric field detection function (NCV).

The kit includes a thermocouple of type "K" (chromel/alumel).



DC voltage measurement:	60 mV $\pm$ (0.7% + 3) @ 0.01 mV , 600 mV $\pm$ (0.5% + 2) @ 0.1 mV , 6 V $\pm$ (0.7% + 3) @ 0.001 V , 60 V $\pm$ (0.7% + 3) @ 0.01 V , 600 V $\pm$ (0.7% + 3) @ 0.1 V
AC voltage measurement:	• V.F.C. OFF : 60 mV $\pm$ (1.0% + 3) @ 0.01 mV , 600 mV $\pm$ (1.0% + 3) @ 0.1 mV , 6 V $\pm$ (0.8% + 3) @ 0.001 V , 60 V $\pm$ (0.8% + 3) @ 0.01 V , 600 V $\pm$ (0.8% + 3) @ 0.1 V , 600 V $\pm$ (1.0% + 3) @ 1 V , • V.F.C. ON : 600 V $\pm$ (4.0% + 3) @ 0.1 V / 1 V • LoZ mode : 600 V $\pm$ (2.0% + 10) @ 0.1 V



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DC current measurement:	600 μ A $\pm$ (0.7% + 2) @ 0.1 μ A , 6000 μ A $\pm$ (0.7% + 2) @ 1 μ A , 60 mA $\pm$ (0.7% + 2) @ 0.01 mA , 600 mA $\pm$ (0.7% + 2) @ 0.1 mA , 6 A $\pm$ (1.0% + 3) @ 0.001 A , 10 A $\pm$ (1.0% + 3) @ 0.01 A
AC current measurement:	600 μ A $\pm$ (1.0% + 3) @ 0.1 μ A , 6000 μ A $\pm$ (1.0% + 3) @ 1 μ A , 60 mA $\pm$ (1.0% + 3) @ 0.01 mA , 600 mA $\pm$ (1.0% + 3) @ 0.1 mA , 6 A $\pm$ (1.2% + 3) @ 0.001 A , 10 A $\pm$ (1.2% + 3) @ 0.01 A
Resistance measurement:	600 Ω $\pm$ (1.0% + 2) @ 0.1 Ω , 6 k Ω $\pm$ (0.8% + 2) @ 0.001 k Ω , 60 k Ω $\pm$ (0.8% + 2) @ 0.01 k Ω , 600 k Ω $\pm$ (0.8% + 2) @ 0.1 k Ω , 6 M Ω $\pm$ (1.2% + 3) @ 0.001 M Ω , 60 M Ω $\pm$ (1.5% + 5) @ 0.01 M Ω
Capacitance measurement:	9.999 nF $\pm$ (4.0% + 10) @ 0.001 nF , 99.99 nF ... 999.9 μ F $\pm$ (4.0% + 5) @ 0.01 nF ... 0.1 μ F , 9.999 mF ... 99.99 mF $\pm$ 10.0% @ 0.001 mF ... 0.01 mF
Inductance measurement:	—
Frequency measurement:	9.999 Hz ... 9.999 MHz $\pm$ (0.1% + 4) @ 0.001 Hz ... 0.001 MHz
Square-wave signal duty ratio measurement:	1 % ... 99.9 % @ 0.1 %
Temperature measurement:	• °C : -40 ... 40 °C $\pm$ 4 @ 1 °C , > 40 ... 500 °C $\pm$ (1.0% + 4) @ 1 °C , > 500 ... 1000 °C $\pm$ (2.0% + 4) @ 1 °C , • °F : -40 ... 104 °F $\pm$ 5 @ 1 °F , > 104 ... 932 °F $\pm$ (1.5% + 5) @ 1 °F , > 932 ... 1832 °F $\pm$ (2.5% + 5) @ 1 °F
hFE:	—
Diode test:	✓
Sound signal of the continuity test:	✓
Checking TTL logic states:	—
RS-232:	—
Main features:	• Large, readable LCD display with backlight • NCV - electric field detection function • Hold - stopping the meter reading • REL - relative measurement mode • V.F.C. function - allows to measure the AC voltage values using low-pass filter with a frequency limit of 400 Hz • Aesthetic and solid construction
Power supply:	2 x 1.5V, type AA/LR6/FR6 battery - included
Dimensions:	176 x 81 x 48 mm
Manufacturer / Brand:	UNI-T



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Guarantee:

2 years