

Code: UT-70A

UNIVERSAL METER **UT-70A** UNI-T

The UT-70A is a universal digital meter used to measure: voltage, current, resistance, inductance, capacitance, frequency, hFE, temperature and checking the correctness of diodes operation.



DC voltage measurement:	200 mV \pm (0.5% + 1) @ 100 μ V , 2 V \pm (0.5% + 1) @ 1 mV , 20 V \pm (0.5% + 1) @ 10 mV , 200 V \pm (0.5% + 1) @ 100 mV , 1000 V \pm (0.8% + 2) @ 1 V
AC voltage measurement:	200 mV \pm (1.2% + 3) @ 100 μ V , 2 V \pm (0.8% + 3) @ 1 mV , 20 V \pm (0.8% + 3) @ 10 mV , 200 V \pm (0.8% + 3) @ 100 mV , 750 V \pm (1.2% + 3) @ 1 V
DC current measurement:	20 μ A \pm (0.8% + 1) @ 0.01 μ A , 2 mA \pm (0.8% + 1) @ 1 μ A , 200 mA \pm (1.5% + 1) @ 0.1 mA , 10 A \pm (2.0% + 5) @ 10 mA
AC current measurement:	20 μ A \pm (1.0% + 3) @ 0.01 μ A , 2 mA \pm (1.0% + 3) @ 1 μ A , 200 mA \pm (1.8% + 3) @ 0.1 mA , 10 A \pm (3.0% + 7) @ 10 mA
Resistance measurement:	200 Ω \pm (0.8% + 3) @ 0.1 Ω , 2 k Ω \pm (0.8% + 1) @ 1 Ω , 20 k Ω \pm (0.8% + 1) @ 10 Ω , 200 k Ω \pm (0.8% + 1) @ 100 Ω , 2 M Ω \pm (0.8% + 1) @ 1 k Ω , 20 M Ω \pm (1.0% + 5) @ 10 k Ω , 2000 M Ω \pm (5.0% + 10) @ 1 M Ω

Capacitance measurement:	20 nF \pm (2.5% + 5) @ 10 pF , 200 nF \pm (2.5% + 5) @ 100 pF , 2 μ F \pm (2.5% + 5) @ 1 nF , 100 μ F \pm (5.0% + 4) @ 100 nF
Inductance measurement:	2 mH \pm (2.0% + 10) @ 1 μ H , 20 mH \pm (2.0% + 10) @ 10 μ H , 200 mH \pm (2.0% + 10) @ 0.1 mH , 20 H \pm (3.0% + 10) @ 10 mH
Frequency measurement:	2 kHz ... 10 MHz \pm (0.1% + 3) @ 1 Hz (automatic range change)
Temperature measurement:	<ul style="list-style-type: none"> • °C -40 ... 0 °C \pm (3% + 4) @ 1 °C 0 ... 400 °C \pm (1% + 3) @ 1 °C 400 ... 1000 °C \pm (2% + 10) @ 1 °C, • °F -40 ... 32 °F \pm (3% + 4) @ 1 °F 32 ... 752 °F \pm (1% + 4) @ 1 °F 752 ... 1832 °F \pm 2.5% @ 1 °F
hFE:	✓
Diode test:	✓
Sound signal of the continuity test:	✓
Checking TTL logic states:	✓
RS-232:	—
Main features:	<ul style="list-style-type: none"> • Large, readable LCD display with backlight • Aesthetic and solid construction
Power supply:	9V, type 6F22 battery - included
Dimensions:	205 x 101 x 60 mm
Manufacturer / Brand:	UNI-T
Guarantee:	2 years