

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

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:	• °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:	• 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