

Code: UT-52

UNIVERSAL METER **UT-52** UNI-T

The UT-52 is a universal digital meter used to measure: voltage, current, resistance, capacitance, hFE, and checking the correct operation of diodes.



DC voltage measurement:	$200 \text{ mV} \pm (0.5\% + 1) @ 0.1 \text{ mV}$, $2 \text{ V} \pm (0.5\% + 1) @ 0.001 \text{ V}$, $20 \text{ V} \pm (0.5\% + 1) @ 0.01 \text{ V}$, $200 \text{ V} \pm (0.5\% + 1) @ 0.1 \text{ V}$, $1000 \text{ V} \pm (0.8\% + 2) @ 1 \text{ V}$
AC voltage measurement:	$200 \text{ mV} \pm (1.2\% + 3) @ 0.1 \text{ mV}$, $2 \text{ V} \pm (0.8\% + 3) @ 0.001 \text{ V}$, $20 \text{ V} \pm (0.8\% + 3) @ 0.01 \text{ V}$, $200 \text{ V} \pm (0.8\% + 3) @ 0.1 \text{ V}$, $750 \text{ V} \pm (1.2\% + 3) @ 1 \text{ V}$
DC current measurement:	$2 \text{ mA} \pm (0.8\% + 1) @ 0.001 \text{ mA}$, $20 \text{ mA} \pm (0.8\% + 1) @ 0.01 \text{ mA}$, $200 \text{ mA} \pm (1.5\% + 1) @ 0.1 \text{ mA}$, $20 \text{ A} \pm (2.0\% + 5) @ 0.01 \text{ A}$
AC current measurement:	$2 \text{ mA} \pm (1.0\% + 3) @ 0.001 \text{ mA}$, $20 \text{ mA} \pm (1.0\% + 3) @ 0.01 \text{ mA}$, $200 \text{ mA} \pm (1.8\% + 3) @ 0.1 \text{ mA}$, $20 \text{ A} \pm (3.0\% + 7) @ 0.01 \text{ A}$

Resistance measurement:	<p>200 Ω ± (0.8% + 3) @ 0.1 Ω , 2 kΩ ± (0.8% + 1) @ 0.001 kΩ , 20 kΩ ± (0.8% + 1) @ 0.01 kΩ , 200 kΩ ± (0.8% + 1) @ 0.1 kΩ , 2 MΩ ± (0.8% + 1) @ 0.001 MΩ , 20 MΩ ± (1.0% + 2) @ 0.01 MΩ , 200 MΩ ± (5%(RD-10) + 10) @ 0.1 MΩ *</p> <p>*RD - reading value</p>
Capacitance measurement:	<p>2 nF ± (4% + 3) @ 0.001 nF , 20 nF ± (4% + 3) @ 0.01 nF , 200 nF ± (4% + 3) @ 0.1 nF , 2 μF ± (4% + 3) @ 0.001 μF , 20 μF ± (4% + 3) @ 0.01 μF</p>
Inductance measurement:	—
Frequency measurement:	—
Temperature measurement:	—
Automatic change of measuring ranges:	—
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 • Low battery level alarm • Aesthetic and solid construction
Power supply:	9V, type 6F22 battery - included
Weight:	0.5 kg
Dimensions:	203 x 98 x 56 mm
Manufacturer / Brand:	UNI-T
Guarantee:	2 years