

Code: UT-58C

UNIVERSAL METER **UT-58C** UNI-T

The UT-58C is a universal digital meter used to measure: voltage, current, resistance, capacitance, hFE, and checking the correct operation of diodes.



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

Capacitance measurement:	2 nF $\pm$ (4% + 3) @ 1 pF , 200 nF $\pm$ (4% + 3) @ 0.1 nF , 100 μ F $\pm$ (5% + 4) @ 0.1 μ F
Inductance measurement:	—
Frequency measurement:	2 kHz $\pm$ (1.5% + 5) @ 0.001 kHz , 20 kHz $\pm$ (1.5% + 5) @ 0.01 kHz
Temperature measurement:	-40 ... 0 °C $\pm$ (3% + 9) @ 1 °C , 1 ... 400 °C $\pm$ (1% + 7) @ 1 °C , 401 ... 1000 °C $\pm$ (2% + 10) @ 1 °C
Automatic change of measuring ranges:	—
hFE:	✓
Diode test:	✓
Sound signal of the continuity test:	✓
Checking TTL logic states:	—
RS-232:	—
Main features:	• Large, readable LCD display with backlight • Freezing the last reading • Low battery level alarm • Automatic shutdown after 15 minutes of inactivity • Aesthetic and solid construction
Power supply:	9V, type 6F22 battery - included
Weight:	0.36 kg
Dimensions:	179 x 88 x 39 mm
Manufacturer / Brand:	UNI-T
Guarantee:	2 years