

Code: UT-50A

UNIVERSAL METER **UT-50A** UNI-T

UT-50A is a universal digital meter used to measure: voltage, current, resistance, capacitance.



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:	$20 \text{ } \mu\text{A} \pm (0.8\% + 1) @ 0.01 \text{ } \mu\text{A}$, $2 \text{ mA} \pm (0.8\% + 1) @ 0.001 \text{ mA}$, $200 \text{ mA} \pm (1.5\% + 1) @ 0.1 \text{ mA}$, $20 \text{ A} \pm (2\% + 5) @ 0.01 \text{ A}$
AC current measurement:	$200 \text{ } \mu\text{A} \pm (1\% + 3) @ 0.1 \text{ } \mu\text{A}$, $2 \text{ mA} \pm (1\% + 3) @ 0.001 \text{ mA}$, $200 \text{ mA} \pm (1.8\% + 3) @ 0.1 \text{ mA}$, $20 \text{ A} \pm (3\% + 5) @ 0.01 \text{ A}$

Resistance measurement:	$200\ \Omega \pm (0.8\% + 3) @ 0.1\ \Omega$, $2\ k\Omega \pm (0.8\% + 1) @ 0.001\ k\Omega$, $20\ k\Omega \pm (0.8\% + 1) @ 0.01\ k\Omega$, $200\ k\Omega \pm (0.8\% + 1) @ 0.1\ k\Omega$, $2\ M\Omega \pm (0.8\% + 1) @ 0.001\ M\Omega$, $20\ M\Omega \pm (1\% + 2) @ 0.01\ M\Omega$, $200\ M\Omega \pm (5\%(RD-10) + 10) @ 0.1\ M\Omega *$ *RD - reading value
Capacitance measurement:	$2\ nF \pm (4\% + 3) @ 0.001\ nF$, $20\ nF \pm (4\% + 3) @ 0.01\ nF$, $2\ \mu F \pm (4\% + 3) @ 0.001\ \mu F$, $100\ \mu F \pm (5\% + 4) @ 0.1\ \mu F$
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:	• Large, readable LCD display with backlight • Freezing the last reading • Low battery level alarm • Aesthetic and solid construction • The set includes short test leads with crocodile clips
Power supply:	9V, type 6F22 battery - included
Weight:	0.28 kg
Dimensions:	167 x 83 x 42 mm
Manufacturer / Brand:	UNI-T
Guarantee:	2 years