

Code: UT-61A

UNIVERSAL METER **UT-61A** UNI-T

The UT-61A is a universal digital meter used to measure: voltage, current, resistance, capacitance, frequency, and checking the correctness of diodes operation. EF function - enables non-contact voltage detection eg in wires, in the range of 50V ... 400V. The device has an automatic change of measuring ranges.



DC voltage measurement:	$400\text{ mV} \pm (0.8\% + 3) @ 0.1\text{ mV}$, $4\text{ V} \pm (0.8\% + 1) @ 1\text{ mV}$, $40\text{ V} \pm (0.8\% + 1) @ 10\text{ mV}$, $400\text{ V} \pm (0.8\% + 1) @ 100\text{ mV}$, $1000\text{ V} \pm (1.0\% + 3) @ 1\text{ V}$
AC voltage measurement:	$400\text{ mV} \pm (1.0\% + 5) @ 100\text{ mV}$, $4\text{ V} \pm (1.0\% + 3) @ 1\text{ mV}$, $40\text{ V} \pm (1.0\% + 3) @ 10\text{ mV}$, $400\text{ V} \pm (1.0\% + 3) @ 100\text{ mV}$, $750\text{ V} \pm (1.2\% + 5) @ 1\text{ V}$
DC current measurement:	$400\text{ }\mu\text{A} \pm (1.0\% + 2) @ 0.1\text{ }\mu\text{A}$, $4000\text{ }\mu\text{A} \pm (1.0\% + 2) @ 1\text{ }\mu\text{A}$, $40\text{ mA} \pm (1.2\% + 3) @ 0.01\text{ mA}$, $400\text{ mA} \pm (1.2\% + 3) @ 0.1\text{ mA}$, $4\text{ A} \pm (1.5\% + 3) @ 0.001\text{ A}$, $10\text{ A} \pm (1.5\% + 3) @ 0.01\text{ A}$
AC current measurement:	$400\text{ }\mu\text{A} \pm (1.2\% + 5) @ 0.1\text{ }\mu\text{A}$, $4000\text{ }\mu\text{A} \pm (1.2\% + 5) @ 1\text{ }\mu\text{A}$, $40\text{ mA} \pm (1.5\% + 5) @ 0.01\text{ mA}$, $400\text{ mA} \pm (1.5\% + 5) @ 0.1\text{ mA}$, $4\text{ A} \pm (2.0\% + 5) @ 0.001\text{ A}$, $10\text{ A} \pm (2.0\% + 5) @ 0.01\text{ A}$

Resistance measurement:	$400\ \Omega \pm (1.2\% + 2)\ @\ 0.1\ \Omega$, $4\ k\Omega \pm (1.0\% + 2)\ @\ 1\ \Omega$, $40\ k\Omega \pm (1.0\% + 2)\ @\ 10\ \Omega$, $400\ k\Omega \pm (1.0\% + 2)\ @\ 100\ \Omega$, $4\ M\Omega \pm (1.2\% + 2)\ @\ 1\ k\Omega$, $40\ M\Omega \pm (1.5\% + 2)\ @\ 10\ k\Omega$
Capacitance measurement:	$40\ nF \pm (3.0\% + 5)\ @\ 10\ pF$, $400\ nF \pm (3.0\% + 5)\ @\ 100\ pF$, $4\ \mu F \pm (3.0\% + 5)\ @\ 1\ nF$, $40\ \mu F \pm (3.0\% + 5)\ @\ 10\ nF$, $400\ \mu F \pm (4.0\% + 5)\ @\ 100\ nF$, $4000\ \mu F @\ 1\ \mu F$
Inductance measurement:	—
Frequency measurement:	10 Hz ... 10 MHz
Temperature measurement:	—
Automatic change of measuring ranges:	✓
hFE:	✓
Diode test:	✓
Sound signal of the continuity test:	✓
Checking TTL logic states:	—
RS-232:	—
USB:	—
Main features:	• Large, readable LCD display with backlight • EF function - enables non-contact voltage detection eg in wires, in the range of 50V ... 400V • Hold - stopping the meter reading • REL - relative measurement mode • Bargraf - analog bar - 41 segments • Aesthetic and solid construction
Power supply:	9V, type 6F22 battery - included
Weight:	0.35 kg
Dimensions:	180 x 87 x 45 mm
Manufacturer / Brand:	UNI-T
Guarantee:	2 years