

Code: UT-136C+

UNIVERSAL METER **UT-136C+** UNI-T

The UT-136C+ is a universal digital meter used to measure: voltage, current, resistance, capacity, frequency, temperature and checking the correct operation of diodes.

The kit includes a thermocouple of type "K" (chromel/alumel).



DC voltage measurement:	$400 \text{ mV} \pm (0.7\% + 3) @ 0.1 \text{ mV}$, $4 \text{ V} \pm (0.5\% + 2) @ 0.001 \text{ V}$, $40 \text{ V} \pm (0.7\% + 3) @ 0.01 \text{ V}$, $400 \text{ V} \pm (0.7\% + 3) @ 0.1 \text{ V}$, $1000 \text{ V} \pm (0.7\% + 3) @ 1 \text{ V}$
AC voltage measurement:	$400 \text{ mV} \pm (1.0\% + 3) @ 0.1 \text{ mV}$, $4 \text{ V} \pm (0.7\% + 3) @ 0.001 \text{ V}$, $40 \text{ V} \pm (1.0\% + 3) @ 0.01 \text{ V}$, $400 \text{ V} \pm (1.0\% + 3) @ 0.1 \text{ V}$, $1000 \text{ V} \pm (1.0\% + 3) @ 1 \text{ V}$
DC current measurement:	$400 \mu\text{A} \pm (1.0\% + 3) @ 0.1 \mu\text{A}$, $4000 \mu\text{A} \pm (1.0\% + 3) @ 1 \mu\text{A}$, $40 \text{ mA} \pm (1.0\% + 3) @ 0.01 \text{ mA}$, $400 \text{ mA} \pm (1.0\% + 3) @ 0.1 \text{ mA}$, $4 \text{ A} \pm (1.2\% + 5) @ 0.001 \text{ A}$, $10 \text{ A} \pm (1.2\% + 5) @ 0.01 \text{ A}$
AC current measurement:	$400 \mu\text{A} \pm (1.2\% + 5) @ 0.1 \mu\text{A}$, $4000 \mu\text{A} \pm (1.2\% + 5) @ 1 \mu\text{A}$, $40 \text{ mA} \pm (1.2\% + 5) @ 0.01 \text{ mA}$, $400 \text{ mA} \pm (1.2\% + 5) @ 0.1 \text{ mA}$, $4 \text{ A} \pm (1.2\% + 5) @ 0.001 \text{ A}$, $10 \text{ A} \pm (2.0\% + 5) @ 0.01 \text{ A}$

Resistance measurement:	$400\ \Omega \pm (1.0\% + 2)$ @ $0.1\ \Omega$, $4\ k\Omega \pm (0.8\% + 2)$ @ $0.001\ k\Omega$, $40\ k\Omega \pm (0.8\% + 2)$ @ $0.01\ k\Omega$, $400\ k\Omega \pm (0.8\% + 2)$ @ $0.1\ k\Omega$, $4\ M\Omega \pm (1.2\% + 2)$ @ $0.001\ M\Omega$, $40\ M\Omega \pm (1.5\% + 5)$ @ $0.01\ M\Omega$
Capacitance measurement:	$4\ nF \pm (4\% + 10)$ @ $0.001\ nF$, $40\ nF \pm (4\% + 10)$ @ $0.01\ nF$, $400\ nF \pm (4\% + 10)$ @ $0.1\ nF$, $4\ \mu F \pm (4\% + 10)$ @ $0.001\ \mu F$, $40\ \mu F \pm (4\% + 10)$ @ $0.01\ \mu F$, $400\ \mu F \pm (4\% + 10)$ @ $0.1\ \mu F$, $4\ mF \pm (4\% + 10)$ @ $0.001\ mF$, $40\ mF \pm (4\% + 10)$ @ $0.01\ mF$
Inductance measurement:	—
Frequency measurement:	400 Hz ... 40 MHz $\pm (0.1\% + 4)$ @ 0.1 Hz ... 0.01 MHz
Square-wave signal duty ratio measurement:	—
Temperature measurement:	• °C : -40 ... 40 °C ± 4 @ 1 °C , >40 ... 500 °C $\pm (1.0\% + 5)$ @ 1 °C , >500 ... 1000 °C $\pm (2.0\% + 5)$ @ 1 °C , • °F : -40 ... 104 °F ± 5 @ 1 °F , >104 ... 932 °F $\pm (1.5\% + 5)$ @ 1 °F , >932 ... 1832 °F $\pm (2.5\% + 5)$ @ 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 • Hold - stopping the meter reading • Aesthetic and solid construction
Power supply:	2 x 1.5V, type AA/LR6/FR6 battery - included
Dimensions:	177 x 83 x 57 mm
Manufacturer / Brand:	UNI-T
Guarantee:	2 years