

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



DATA SHEET

Resistance measurement:	400 $\Omega \pm (1.0\% + 2)$ @ 0.1 Ω , 4 k $\Omega \pm (0.8\% + 2)$ @ 0.001 k Ω , 40 k $\Omega \pm (0.8\% + 2)$ @ 0.01 k Ω , 400 k $\Omega \pm (0.8\% + 2)$ @ 0.1 k Ω , 4 M $\Omega \pm (1.2\% + 2)$ @ 0.001 M Ω , 40 M $\Omega \pm (1.5\% + 5)$ @ 0.01 M Ω
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 μ F $\pm (4\% + 10)$ @ 0.001 μ F , 40 μ F $\pm (4\% + 10)$ @ 0.01 μ F , 400 μ F $\pm (4\% + 10)$ @ 0.1 μ 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:	• $^{\circ}$ C : -40 ... 40 $^{\circ}$ C ± 4 @ 1 $^{\circ}$ C , >40 ... 500 $^{\circ}$ C $\pm (1.0\% + 5)$ @ 1 $^{\circ}$ C , >500 ... 1000 $^{\circ}$ C $\pm (2.0\% + 5)$ @ 1 $^{\circ}$ C , • $^{\circ}$ F : -40 ... 104 $^{\circ}$ F ± 5 @ 1 $^{\circ}$ F , >104 ... 932 $^{\circ}$ F $\pm (1.5\% + 5)$ @ 1 $^{\circ}$ F , >932 ... 1832 $^{\circ}$ F $\pm (2.5\% + 5)$ @ 1 $^{\circ}$ F
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 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