

Code: UT-120C

UNIVERSAL METER UT-120C UNI-T

The UT-120C is a universal digital meter used to measure: voltage, current, resistance, frequency and to check the correct operation of diodes.

The product has a very small dimensions. The device has an automatic change of measuring ranges.



DC voltage measurement:	$400\text{ mV} \pm (0.8\% + 3) @ 0.1\text{ mV}$, $4\text{ V} \pm (0.8\% + 1) @ 1\text{ mV}$, $40\text{ V} \pm (0.8\% + 1) @ 10\text{ mV}$, $400\text{ V} \pm (0.8\% + 1) @ 100\text{ mV}$, $600\text{ V} \pm (1\% + 3) @ 1\text{ V}$
AC voltage measurement:	$4\text{ V} \pm (1.2\% + 3) @ 1\text{ mV}$, $40\text{ V} \pm (1.2\% + 3) @ 10\text{ mV}$, $400\text{ V} \pm (1.2\% + 3) @ 100\text{ mV}$, $600\text{ V} \pm (1.5\% + 5) @ 1\text{ V}$
DC current measurement:	$400\text{ }\mu\text{A} \pm (1\% + 3) @ 0.1\text{ }\mu\text{A}$, $4\text{ mA} \pm (1\% + 3) @ 1\text{ }\mu\text{A}$, $40\text{ mA} \pm (1.2\% + 5) @ 0.01\text{ mA}$, $400\text{ mA} \pm (1.2\% + 5) @ 0.1\text{ mA}$
AC current measurement:	$400\text{ }\mu\text{A} \pm (1.5\% + 5) @ 0.1\text{ }\mu\text{A}$, $4\text{ mA} \pm (1.5\% + 5) @ 0.001\text{ mA}$, $40\text{ mA} \pm (2\% + 5) @ 0.01\text{ mA}$, $400\text{ mA} \pm (2\% + 5) @ 0.1\text{ mA}$
Resistance measurement:	$400\text{ }\Omega \pm (1.2\% + 2) @ 0.1\text{ }\Omega$, $4\text{ k}\Omega \pm (1\% + 2) @ 1\text{ }\Omega$, $40\text{ k}\Omega \pm (1\% + 2) @ 10\text{ }\Omega$, $400\text{ k}\Omega \pm (1\% + 2) @ 100\text{ }\Omega$, $4\text{ M}\Omega \pm (1.2\% + 2) @ 1\text{ k}\Omega$, $40\text{ M}\Omega \pm (1.5\% + 2) @ 10\text{ k}\Omega$

Capacitance measurement:	$4 \text{ nF} \pm (4\% + 3) @ 0.001 \text{ nF}$, $40 \text{ nF} \pm (4\% + 3) @ 0.01 \text{ nF}$, $400 \text{ nF} \pm (4\% + 3) @ 0.1 \text{ nF}$, $4 \text{ }\mu\text{F} \pm (4\% + 3) @ 0.001 \text{ }\mu\text{F}$, $40 \text{ }\mu\text{F} \pm (4\% + 3) @ 0.01 \text{ }\mu\text{F}$, $100 \text{ }\mu\text{F} \pm (5\% + 10) @ 0.1 \text{ }\mu\text{F}$
Inductance measurement:	—
Frequency measurement:	$99.99 \text{ Hz} \pm (0.5\% + 3) @ 0.01 \text{ Hz}$, $999.9 \text{ Hz} \pm (0.5\% + 3) @ 0.1 \text{ Hz}$, $9.999 \text{ kHz} \pm (0.5\% + 3) @ 0.001 \text{ kHz}$, $99.99 \text{ kHz} \pm (0.5\% + 3) @ 0.01 \text{ kHz}$, $1\% \dots 99.9\% @ 0.1\%$
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:	• Hold - stopping the meter reading, • REL - relative measurement mode, • Large, readable LCD display, • Low battery indicator, • Aesthetic and solid construction, • Automatic shutdown after 30 minutes of inactivity
Power supply:	CR2032 lithium battery - included
Weight:	0.08 kg
Dimensions:	110 x 58 x 13 mm
Manufacturer / Brand:	UNI-T
Guarantee:	2 years