

Code: UT-33A+

UNIVERSAL METER **UT-33A+** UNI-T

UT-33A+ is a universal digital meter used to measure: voltage, current, resistance, capacitance. The meter has a function of automatic change of measuring ranges, as well as a relative measurement function (for capacitance measurement).



DC voltage measurement:	$200 \text{ mV} \pm (0.7\% + 3) @ 0.1 \text{ mV}$, $2000 \text{ mV} \pm (0.5\% + 2) @ 1 \text{ mV}$, $20 \text{ V} \pm (0.7\% + 3) @ 10 \text{ mV}$, $200 \text{ V} \pm (0.7\% + 3) @ 100 \text{ mV}$, $600 \text{ V} \pm (0.7\% + 3) @ 1 \text{ V}$
AC voltage measurement:	$200 \text{ mV} \pm (1.0\% + 2) @ 0.1 \text{ mV}$, $2 \text{ V} \pm (0.7\% + 3) @ 1 \text{ mV}$, $20 \text{ V} \pm (1.0\% + 2) @ 10 \text{ mV}$, $200 \text{ V} \pm (1.2\% + 3) @ 100 \text{ mV}$, $600 \text{ V} \pm (1.2\% + 3) @ 1 \text{ V}$
DC current measurement:	$200 \text{ } \mu\text{A} \pm (1\% + 2) @ 0.1 \text{ } \mu\text{A}$, $2000 \text{ } \mu\text{A} \pm (1\% + 2) @ 1 \text{ } \mu\text{A}$, $20 \text{ mA} \pm (1\% + 2) @ 10 \text{ } \mu\text{A}$, $200 \text{ mA} \pm (1\% + 2) @ 100 \text{ } \mu\text{A}$, $2 \text{ A} \pm (1.2\% + 5) @ 1 \text{ mA}$, $10 \text{ A} \pm (1.2\% + 5) @ 10 \text{ mA}$
AC current measurement:	$200 \text{ } \mu\text{A} \pm (1.2\% + 3) @ 0.1 \text{ } \mu\text{A}$, $2000 \text{ } \mu\text{A} \pm (1.2\% + 3) @ 1 \text{ } \mu\text{A}$, $20 \text{ mA} \pm (1.2\% + 3) @ 0.01 \text{ mA}$, $200 \text{ mA} \pm (1.2\% + 3) @ 0.1 \text{ mA}$, $2 \text{ A} \pm (1.5\% + 5) @ 1 \text{ mA}$, $10 \text{ } \mu\text{A} \pm (1.5\% + 5) @ 10 \text{ mA}$

Resistance measurement:	$200\ \Omega \pm (1\% + 2)\ @\ 0.1\ \Omega$, $2\ k\Omega \pm (0.8\% + 2)\ @\ 1\ \Omega$, $20\ k\Omega \pm (0.8\% + 2)\ @\ 10\ \Omega$, $200\ k\Omega \pm (0.8\% + 2)\ @\ 100\ \Omega$, $20\ M\Omega \pm (1.2\% + 3)\ @\ 10\ k\Omega$, $200\ M\Omega \pm (5\% + 10)\ @\ 100\ k\Omega$
Capacitance measurement:	$2\ nF \pm (5\% + 5)\ @\ 0.001\ nF$, $20\ nF \pm (4\% + 8)\ @\ 0.01\ nF$, $200\ nF \pm (4\% + 8)\ @\ 0.1\ nF$, $2\ \mu F \pm (4\% + 8)\ @\ 0.001\ \mu F$, $20\ \mu F \pm (4\% + 8)\ @\ 0.01\ \mu F$, $200\ \mu F \pm (4\% + 8)\ @\ 0.1\ \mu F$, $2\ mF \pm (10\%)\ @\ 0.001\ mF$
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
Power supply:	2 x 1.5V, type AAA/LR03 battery - included
Weight:	0.26 kg
Dimensions:	134 x 77 x 47 mm
Manufacturer / Brand:	UNI-T
Guarantee:	2 years