

Code: UT-8802E

LABORATORY METER **UT-8802E** UNI-T

The UT-8802E is a digital laboratory meter used to measure: voltage, current, resistance, capacity, frequency, and to check the correct operation of diodes.



DC voltage measurement:	<ul style="list-style-type: none"> • 200 mV \pm (0.1% + 5) @ 0.01 mV, • 2 V \pm (0.1% + 3) @ 0.1 mV, • 20 V \pm (0.1% + 3) @ 0.001 V, • 200 V \pm (0.1% + 3) @ 0.01 V, • 1000 V \pm (0.2% + 5) @ 0.1 V
AC voltage measurement:	<ul style="list-style-type: none"> • 2 V @ 100 μV \pm (0.5% + 20) @ 40 Hz ... 1 kHz • 20 V @ 1 mV \pm (0.5% + 20) @ 40 Hz ... 1 kHz • 200 V @ 10 mV \pm (0.5% + 20) @ 40 Hz ... 1 kHz • 750 V @ 0.1 V \pm (0.8% + 40) @ 40 Hz ... 1 kHz
DC current measurement:	<ul style="list-style-type: none"> • 200 μA \pm (0.5% + 20) @ 10 nA, • 2 mA \pm (0.5% + 20) @ 100 nA, • 20 mA \pm (0.5% + 20) @ 1 μA, • 200 mA \pm (0.5% + 20) @ 10 μA, • 20 A \pm (1.5% + 40) @ 1 mA
AC current measurement:	<ul style="list-style-type: none"> • 2 mA @ 0.1 μA \pm (0.8% + 40) @ 45 Hz ... 400 Hz • 20 mA @ 1 μA \pm (0.8% + 40) @ 45 Hz ... 400 Hz • 200 mA @ 10 μA \pm (0.8% + 40) @ 45 Hz ... 400 Hz • 20 A @ 1 mA \pm (2% + 40) @ 45 Hz ... 400 Hz
Resistance measurement:	<ul style="list-style-type: none"> • 200 Ω \pm (0.5% + 10) + test leads resistance @ 0.01 Ω, • 2 kΩ \pm (0.5% + 10) @ 0.1 Ω, • 20 kΩ \pm (0.5% + 10) @ 1 Ω, • 200 kΩ \pm (0.5% + 10) @ 10 Ω, • 2 MΩ \pm (0.5% + 10) @ 100 Ω, • 200 MΩ @ 1 kΩ



DATA SHEET

Capacitance measurement:	<ul style="list-style-type: none">• 20 nF \pm (2.5% + 10) @ 1 pF,• 200 nF \pm (1.5% + 10) @ 10 pF,• 2 μF \pm (1.5% + 10) @ 100 pF,• 20 μF \pm (1.5% + 10) @ 1 nF,• 200 μF \pm (1.5% + 10) @ 10 nF,• 2 mF \pm (1.5% + 10) @ 100 nF,• 20 mF \pm (10% + 10) @ 1 μF,• 100 mF @ 10 μF
Inductance measurement:	—
Frequency measurement:	<ul style="list-style-type: none">• 200 Hz \pm (1% + 5) @ 0.01 Hz,• 2 kHz \pm (1% + 5) @ 0.1 Hz,• 20 kHz \pm (1% + 5) @ 1 Hz,• 200 kHz \pm (1% + 5) @ 10 Hz,• 2 MHz \pm (1% + 5) @ 100 Hz,• 10 MHz \pm (1% + 5) @ 1 kHz,• 5 % ... 99 % \pm (1.5% + 2) @ 10 Hz ... 10 kHz
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:	<ul style="list-style-type: none">• Very high accuracy of measurements• EBTN display• REL - relative measurement mode• Writing the value MAX / MIN• Hold - stopping the meter reading• Port USB• Aesthetic and solid construction
Power supply:	110 V AC / 120 V AC / 220 V AC / 240 V AC - selectable by switch
Weight:	3.43 kg
Dimensions:	320 x 265 x 110 mm
Manufacturer / Brand:	UNI-T
Guarantee:	2 years