

Code: UT-210E

## CLAMP METER **UT-210E** UNI-T

The UT-210E is a universal digital meter equipped with clamps enabling the measurement of high currents. The device measures: voltage, current, resistance and capacity. In addition, the meter has an electric field detection function (NCV).

The meter is equipped with the True RMS transducer enabling accurate measurement of the RMS current and voltage for both sinusoidal and distorted waveforms.



DC voltage measurement:	200 mV $\pm$ (0.7% + 5) @ 0.1 mV , 2 V $\pm$ (0.7% + 3) @ 0.001 V , 20 V $\pm$ (0.7% + 3) @ 0.01 V , 200 V $\pm$ (0.7% + 3) @ 0.1 V , 600 V $\pm$ (0.7% + 3) @ 1 V
AC voltage measurement:	2 V $\pm$ (1.0% + 3) @ 0.001 V , 20 V $\pm$ (1.0% + 3) @ 0.01 V ,  • V.F.C. OFF : 200 V $\pm$ (1.0% + 3) @ 0.1 V , 600 V $\pm$ (1.2% + 3) @ 1 V ,  • V.F.C. ON : 200 V $\pm$ (4.0% + 3) @ 0.1 V , 600 V $\pm$ (4.0% + 3) @ 1 V
DC current measurement:	2 A $\pm$ (2% + 8) @ 0.001 A , 20 A $\pm$ (2% + 3) @ 0.01 A , 100 A $\pm$ (2% + 3) @ 0.1 A
AC current measurement:	• V.F.C. OFF : 2 A $\pm$ (3.0% + 10) @ 0.001 A , 20 A $\pm$ (2.5% + 8) @ 0.01 A , 100 A $\pm$ (2.5% + 5) @ 0.1 A ,  • V.F.C. ON : 2 A $\pm$ (4.0% + 10) @ 0.001 A , 20 A $\pm$ (4.0% + 10) @ 0.01 A , 100 A $\pm$ (4.0% + 10) @ 0.1 A



# DATA SHEET

Resistance measurement:	200 $\Omega$ $\pm$ (1.0% + 2) @ 0.1 $\Omega$ , 2 k $\Omega$ $\pm$ (1.0% + 2) @ 0.001 k $\Omega$ , 20 k $\Omega$ $\pm$ (1.0% + 2) @ 0.01 k $\Omega$ , 200 k $\Omega$ $\pm$ (1.0% + 2) @ 0.1 k $\Omega$ , 2 M $\Omega$ $\pm$ (1.2% + 3) @ 0.001 M $\Omega$ , 20 M $\Omega$ $\pm$ (1.2% + 3) @ 0.01 M $\Omega$
Capacitance measurement:	2 nF $\pm$ (4% + 10) @ 0.001 nF , 20 nF ... 200 $\mu$ F $\pm$ (4% + 5) @ 0.01 nF ... 0.1 $\mu$ F , 2 mF ... 20 mF $\pm$ 10% @ 0.001 mF ... 0.01 mF
Inductance measurement:	—
Frequency measurement:	—
Temperature measurement:	—
Automatic change of measuring ranges:	✓
Diode test:	✓
Sound signal of the continuity test:	✓
RS-232:	—
USB:	—
Main features:	<ul style="list-style-type: none"><li>• True RMS - accurate measurement of the RMS current and voltage for any waveform,</li><li>• NCV - electric field detection function,</li><li>• Hold - stopping the meter reading,</li><li>• Large, readable LCD display with backlight,</li><li>• Low battery level alarm,</li><li>• Aesthetic and solid construction,</li><li>• The set includes a practical case</li></ul>
Power supply:	2 x 1.5V, type AAA/LR03 battery - included
Weight:	0.17 kg
Dimensions:	175 x 62 x 32 mm
Manufacturer / Brand:	UNI-T
Guarantee:	2 years