DATA SHEET

Code: UT-213C

CLAMP METER **UT-213C** UNI-T

The UT-213C is a universal digital meter equipped with clamps enabling the measurement of high currents. The device measures: voltage, current, frequency, resistance, capacity and temperature. 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:	400 mV ± (1% + 8) @ 0.1 mV , 4 V ± (0.8% + 1) @ 0.001 V , 40 V ± (0.8% + 3) @ 0.01 V , 400 V ± (0.8% + 3) @ 0.1 V , 600 V ± (1% + 3) @ 1 V
AC voltage measurement:	4 V ± (1.2% + 5) @ 0.001 V , 40 V ± (1.2% + 5) @ 0.01 V , 400 V ± (1.2% + 5) @ 0.1 V , 600 V ± (1.5% + 5) @ 1 V
DC current measurement:	40 A ± (2% + 3) @ 0.01 A , 400 A ± (2% + 3) @ 0.1 A
AC current measurement:	40 A ± (2.5% + 5) @ 0.01 A , 400 A ± (2.5% + 5) @ 0.1 A
Resistance measurement:	400 Ω ± (1.2% + 2) @ 0.1 Ω , 4 kΩ ± (1% + 2) @ 0.001 kΩ , 40 kΩ ± (1% + 2) @ 0.01 kΩ , 400 kΩ ± (1% + 2) @ 0.1 kΩ , 4 MΩ ± (1.2% + 3) @ 0.001 MΩ , 40 MΩ ± (2% + 5) @ 0.01 MΩ

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Capacitance measurement:	40 nF ± (4% + 25) @ 0.01 nF , 400 nF ± (4% + 5) @ 0.1 nF , 4 µF ± (4% + 5) @ 0.001 µF , 40 µF ± (4% + 5) @ 0.01 µF , 400 µF ± (4% + 5) @ 0.1 µF , 4 mF ± (10%) @ 0.001 mF 40 mF @ 0.01 mF
Inductance measurement:	–
Frequency measurement:	10 Hz ... 1 MHz ± (0.1% + 4) @ 0.01 Hz ... 1 kHz ± (0.1% + 4)
Temperature measurement:	• °C -40 ... 40 °C ± (3% + 5) @ 1 °C 40 ... 400 °C ± (3% + 5) @ 1 °C 400 ... 1000 °C ± (1% + 3) @ 1 °C, • °F -40 ... 104 °F ± (3% + 10) @ 1 °F 104 ... 752 °F ± (3% + 10) @ 1 °F 752 ... 1832 °F ± (2% + 10) @ 0.1 °F
Automatic change of measuring ranges:	✓
Diode test:	✓
Sound signal of the continuity test:	✓
RS-232:	–
USB:	–
Main features:	• True RMS - accurate measurement of the RMS current and voltage for any waveform, • NCV - electric field detection function, • REL - relative measurement mode, • Writing the value MAX / MIN, • Hold - stopping the meter reading, • Flashlight built-in, • Large, readable LCD display with backlight, • Low battery level alarm, • Aesthetic and solid construction, • The set includes a practical case
Power supply:	3 x 1.5V, type AAA/LR03 battery - included
Weight:	0.24 kg
Dimensions:	221 x 71 x 41 mm
Manufacturer / Brand:	UNI-T
Guarantee:	2 years

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