DATA SHEET

Code: UT-216B

CLAMP METER **UT-216B** UNI-T

The UT-216B is a universal digital meter equipped with clamps enabling the measurement of high currents. The device measures: voltage, current, frequency, 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:	600 mV ± (1.0% + 8) @ 0.1 mV , 6 V ± (0.8% + 1) @ 0.001 V , 60 V ± (0.8% + 3) @ 0.01 V , 600 V ± (0.8% + 3) @ 0.1 V , 1000 V ± (1.0% + 3) @ 1 V
AC voltage measurement:	6 V ± (1.2% + 5) @ 0.001 V , 60 V ± (1.2% + 5) @ 0.01 V , 600 V ± (1.2% + 5) @ 0.1 V , 750 V ± (1.5% + 5) @ 1 V
DC current measurement:	—
AC current measurement:	60 A ± (2.5% + 5) @ 0.01 A , 600 A ± (2.5% + 5) @ 0.1 A
Resistance measurement:	600 Ω ± (1.2% + 2) @ 0.1 Ω , 6 kΩ ± (1.0% + 2) @ 0.001 kΩ , 60 kΩ ± (1.0% + 2) @ 0.01 kΩ , 600 kΩ ± (1.0% + 2) @ 0.1 kΩ , 6 MΩ ± (1.2% + 2) @ 0.001 MΩ , 60 MΩ ± (1.5% + 5) @ 0.01 MΩ
Capacitance measurement:	99.99 nF ± (4.0% + 25) @ 0.01 nF , 999.9 nF ± (4.0% + 5) @ 0.1 nF , 9.999 µF ± (4.0% + 5) @ 0.001 µF , 99.99 µF ± (4.0% + 5) @ 0.01 µF , 999.9 µF ± (4.0% + 5) @ 0.1 µF , 9.999 mF ± 10% @ 0.001 mF 59.99 mF @ 0.01 mF

Inductance measurement:	–
Frequency measurement:	10 Hz ... 1 MHz ± (0.1% + 4) @ 0.01 Hz ... 1 kHz
Temperature measurement:	–
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, • Freezing the highest or lowest measurement, • 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