

Code: UT-18D

## VOLTAGE AND PHASE SEQUENCE INDICATOR **UT-18D** UNI-T

The UT-18D meter allows to measure AC, DC voltages in the range 12 ... 690V. The measurement is carried out automatically when the probes come into contact with the measuring points. The device automatically selects the appropriate measuring range and informs the user about it using LEDs located above the display.

In addition to measuring the voltage, the device allows you to check the continuity of the circuit and measure the phase shift between the two phases of power supply.

**Attention!** The maximum duration of the measurement is 30 sec. After this time, wait about 4 minutes before performing the next measurement.



LCD display:	✓
DC voltage measurement:	$6\text{ V} \pm (1.5\% + 1) @ 1\text{ V}$ , $12\text{ V} \pm (1.5\% + 2) @ 1\text{ V}$ , $24\text{ V} \pm (1.5\% + 2) @ 1\text{ V}$ , $50\text{ V} \pm (1.5\% + 3) @ 1\text{ V}$ , $120\text{ V} \pm (1.5\% + 4) @ 1\text{ V}$ , $230\text{ V} \pm (1.5\% + 5) @ 1\text{ V}$ , $400\text{ V} \pm (1.5\% + 5) @ 1\text{ V}$ , $690\text{ V} \pm (1.5\% + 5) @ 1\text{ V}$
AC voltage measurement:	$6\text{ V} \pm (1.5\% + 1) @ 1\text{ V}$ , $12\text{ V} \pm (1.5\% + 2) @ 1\text{ V}$ , $24\text{ V} \pm (1.5\% + 2) @ 1\text{ V}$ , $50\text{ V} \pm (1.5\% + 3) @ 1\text{ V}$ , $120\text{ V} \pm (1.5\% + 4) @ 1\text{ V}$ , $230\text{ V} \pm (1.5\% + 5) @ 1\text{ V}$ , $400\text{ V} \pm (1.5\% + 5) @ 1\text{ V}$ , $690\text{ V} \pm (1.5\% + 5) @ 1\text{ V}$
Phase sequence detection:	✓
DC voltage polarization detection:	✓
Sound signal of the continuity test:	0 ... 100 kΩ
Resistance measurement:	—
Frequency measurement:	40 Hz ... 400 Hz $\pm (3\% + 5) @ 1\text{ Hz}$
RCD test (residual current device test):	✓



## DATA SHEET

Main features:	<ul style="list-style-type: none"><li>• Sound signaling</li><li>• Over-voltage indicator</li><li>• Low battery indicator</li><li>• Flashlight built-in</li><li>• Aesthetic and solid construction</li></ul>
Power supply:	2 x 1.5V, type AAA/LR03 battery - included
Weight:	0.28 kg
Dimensions:	270 x 85 x 31 mm
Manufacturer / Brand:	UNI-T
Guarantee:	2 years