

Code: UT-526

## INSULATION RESISTANCE METER + RCD TESTER **UT-526** UNI-T

The UT-526 meter is a specialist device designed to measure insulation resistance up to 500M $\Omega$  and perform RCD tests (residual current devices). Additionally, the Continuity function allows you to test the ground line loop resistance.

**Attention!** High voltage is required to correctly measure the insulation resistance value. During the measurement one should be particularly careful and strictly follow the recommendations included in the device manual.



Resistance measurement:	<ul style="list-style-type: none"> <li>• Test voltage 250 V : 0.05 M<math>\Omega</math> ... 200 M<math>\Omega</math></li> <li>• Test voltage 500 V : 0.05 M<math>\Omega</math> ... 300 M<math>\Omega</math></li> <li>• Test voltage 1000 V : 0.05 M<math>\Omega</math> ... 500 M<math>\Omega</math></li> </ul>
Measuring accuracy:	0.05 M $\Omega$ ... 500 M $\Omega$ $\pm$ (5% + 5)
Open circuit voltage:	Test voltage + 10 %
Test current:	0.9 mA ... 1.1 mA
Short-circuit current:	< 1.8 mA
AC voltage measurement:	0 V ... 440 V $\pm$ (2% + 3) @ 1 V
DC voltage measurement:	0 V ... 440 V $\pm$ (2% + 3) @ 1 V
Measurement of small resistances:	0.01 $\Omega$ ... 2000 $\Omega$ $\pm$ (2% + 5)
Frequency measurement:	20 Hz ... 100 Hz - for reference only
Test of RCDs:	<ul style="list-style-type: none"> <li>• Working voltage: 220V <math>\pm</math> 10 %</li> <li>• Test current: 10mA / 30mA / 100mA / 300mA</li> <li>• Switch-off time ranges : <ul style="list-style-type: none"> <li>- 0 ... 2000 ms <math>\pm</math> (5% + 2) @ 10 mA</li> <li>- 0 ... 500 ms <math>\pm</math> (5% + 2) @ 30 mA</li> <li>- 0 ... 300 ms <math>\pm</math> (5% + 2) @ 100 mA</li> <li>- 0 ... 300 ms <math>\pm</math> (5% + 2) @ 300 mA</li> </ul> </li> </ul>

Automatic change of measuring ranges:	—
RS-232:	—
USB:	—
Main features:	<ul style="list-style-type: none"><li>• Warning of using high voltage during the measurement,</li><li>• Phase switch 0° / 180° during RCD test,</li><li>• Automatic identification of AC/DC voltage,</li><li>• Large, readable LCD display with backlight,</li><li>• Buzzer,</li><li>• Low battery level alarm,</li><li>• Aesthetic and solid construction</li></ul>
Operation temp:	0 °C ... 40 °C
Permissible relative humidity:	≤ 85 % (non-condensing)
Power supply:	6 x 1.5V, type AA/LR6/FR6 battery - included
Weight:	0.45 kg
Dimensions:	150 x 100 x 71 mm
Manufacturer / Brand:	UNI-T
Guarantee:	2 years