

Code: UT-522

## GROUNDING RESISTANCE METER **UT-522** UNI-T

The UT-522 meter allows to measure: grounding resistance of power installations, grounding resistance of devices, resistance of lightning protection systems, etc. The design of the device allows for a complete, accurate measurement of the grounding resistance using 3 leads and a simple, approximate measurement using 2 leads.



Resistance measurement:	$40\ \Omega \pm (2\% + 20)$ @ $0.01\ \Omega$ , $400\ \Omega \pm (2\% + 3)$ @ $0.1\ \Omega$ , $4000\ \Omega \pm (2\% + 3)$ @ $1\ \Omega$ • Auxiliary resistance : $500\ \Omega \pm 5\%$ • Measuring voltage : $\leq 10\ \text{V AC}$ @ $\sim 820\ \text{Hz}$
Ground voltage measurement:	$400\ \text{V} \pm (1.0\% + 6)$ @ $1\ \text{V}$
Automatic change of measuring ranges:	—
RS-232:	—
USB:	—
Main features:	<ul style="list-style-type: none"> <li>• Hold - stopping the meter reading,</li> <li>• The measurement can be performed in full or simplified configuration,</li> <li>• Warning of poor connection of leads during measurement,</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>
Operation temp:	$5\ ^\circ\text{C} \dots 40\ ^\circ\text{C}$
Permissible relative humidity:	$\leq 80\%$ (non-condensing)
Power supply:	6 x 1.5V, type AA/LR6/FR6 battery - included
Weight:	0.42 kg



## DATA SHEET

Dimensions:	160 x 100 x 70 mm
Manufacturer / Brand:	UNI-T
Guarantee:	2 years