

# Earth Tester PCE-ERT 10



## Earth Resistance Tester PCE-ERT 10

**measures earth resistance up to 2000  $\Omega$  / with earth voltage measurement/ CAT III 1000 V / with zero positioning / large LCD display / ground spikes included**

The PCE-ERT 10 is a handy measuring instrument, which allows fast and easy determination of the earth resistance. The earthing device determines the earth resistance with three-wire technology in three measuring ranges up to 2000  $\Omega$ . By means of a rotary knob, a zero position can be performed before each measurement in order to achieve the optimum accuracy. Furthermore, this grounding measuring device offers a normal resistance measurement up to 200 k $\Omega$ , the measurement of the ground voltage, and a voltage measurement for DC and AC voltage.

During the measurement of the earth resistance, the battery voltage is displayed next to the measured value in the large LCD display with background lighting. This special function of the earthing device helps the measuring technician to recognize the charging status of the batteries directly from the earthing device. In addition to the earthing device and the necessary measuring cables, the earth spikes are also included in the delivery. The set is completed by a carrying case, in which all the accessories of the earthing device can be found and can therefore be taken everywhere.

- ▶ Three-wire measuring method
- ▶ Earth resistance is determined in three measuring ranges up to 2000  $\Omega$
- ▶ Ground voltage measurement up to 200 V
- ▶ Zeroing possible
- ▶ Alternating and DC voltage measurement

## Specifications

Measuring ranges	20 $\Omega$ / 200 $\Omega$ / 2000 $\Omega$
Earth resistance	200 V
Earth voltage	1000 V
DC voltage	750 V (40 Hz - 400 Hz)
Alternating voltage	200 k $\Omega$
Resistance	
Auflösung	0.01 $\Omega$ / 0.1 $\Omega$ / 1 $\Omega$
Earth resistance	0.1 V
Earth voltage	1 V
DC voltage	1 V
Alternating voltage	0.1 k $\Omega$
Resistance	
Genauigkeit	$\pm(2\% + 10 \text{ dgt}) / \pm(2\% + 3 \text{ dgt}) / \pm(2\% + 3 \text{ dgt})$
Earth resistance	$\pm(3\% + 3 \text{ dgt})$
Earth voltage	$\pm(0.8\% + 3 \text{ dgt})$
DC voltage	$\pm(1.2\% + 10 \text{ dgt})$
Alternating voltage	$\pm(1\% + 2 \text{ dgt})$
Resistance	
Sample rate	2.5 / seconds
Display	LCD display with background light
Power supply	6 x 1.5 V AA batteries
Environmental conditions	0 ... +40 °C / <80 % r.H.
Dimensions	200 x 92 x 50 mm
Weight	700 g
Standards	IEC10101, CAT III 1000V

## More information

More product info



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