

Electrical Tester PCE-HDM 5



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Multimeter for measuring current, voltage and resistance /Bluetooth interface /MAX function / Integrated flashlight

The handy electrical tester PCE-HDM 5 is ideally suited for beginners in electrical engineering. Due to its small dimensions, the PCE-HDM 5 electrical tester can fit in any drawer or in the glove compartment of a car. Both AC voltage and current as well as DC voltage and current can be measured with the PCE-HDM 5 electrical tester. The resistance measurement, the diode test and the continuity test are also part of the functionality of the PCE-HDM 5. The user can still use the MAX function to support the evaluation. To protect the battery, the electrical tester PCE-HDM 5 has an automatic shutdown after 15 min. inactivity integrated.

In addition to these measuring functions, the PCE-HDM 5 compact electrical tester has a Bluetooth interface that can be used to connect the electrical tester to a smartphone or tablet, which adds the possibility for the tablet to be used as a datalogger. The electrical tester also has a flashlight that can be used for measuring point lighting. Of course, the display of the electrical tester is also equipped with LED lighting, which ensures comfortable reading from the display.

- ▶ Compact electrical tester
- ▶ Bluetooth interface
- ▶ Illuminated display
- ▶ Flashlight
- ▶ Robust
- ▶ Ideal for craftsmen and service technicians

Specifications

Display	6000 digit LCD
Interface	Bluetooth (available via app)
Continuity test	Limit 50 Ω Test current < 0.5-mA
Diode test	Test current 0.3-mA open circuit voltage <3.3 V
Refresh rate display	2 Hz
Input impedance	10 MΩ (AC / DC)
AC coupling	TRMS (50/60 Hz)
Operating conditions	5 ... 40°C / 41 ... 104°F, max. 80% rh
Storage conditions	-20 ... 60°C / -4 ... 140°F, max. 80% rh
Operating altitude	Max. 2000 m
Power supply	2 x AAA 1.5V battery
Automatic shutdown	> 15 minutes
Security	IEC1010-1 (2001), EN61010-1 (2001) CAT III 600V Degree of pollution 2
Weight	200 g / < 1 lb
Dimensions	125 x 68 x 48 mm / 4.9 x 2.7 x 1.9 in

More information

Manual



More product info



Similar products



Technical data of the digital multimeter PCE-HDM 5

	Measurin g range	Resolutio n	Accuracy (% v.Mw.)
Alternating current	600 μA	0.1 μA	± 2% + 5 Dgt
	6000 μA	1 μA	± 2.5% + 5 Dgt
	60-mA	0.01-mA	± 2.5% + 5 Dgt
	600-mA	0.1-mA	± 2.5% + 5 Dgt
	10 A	1 A	± 3% + 7 Dgt
Direct current	600 μA	0.1 μA	± 1% + 3 Dgt
	6000 μA	1 μA	± 1.5% + 3 Dgt
	60-mA	0.01-mA	± 1.5% + 3 Dgt
	600-mA	0.1-mA	± 1.5% + 3 Dgt
	10 A	1 A	± 2.5% + 5 Dgt

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AC	6V	0.001V	$\pm 1\% + 5 \text{ Dgt}$
	60V	0.01V	$\pm 1\% + 5 \text{ Dgt}$
	600V	0.1V	$\pm 1.2\% + 5 \text{ Dgt}$
DC	6V	0.001 V	$\pm 1\% + 3 \text{ Dgt}$
	60V	0.01V	$\pm 1\% + 3 \text{ Dgt}$
	600V	0.1V	$\pm 1.2\% + 3 \text{ Dgt}$
Resistance	600 Ω	0.1 Ω	$\pm 1\% + 4 \text{ Dgt}$
	6 k Ω	0.001 k Ω	$\pm 1.5\% + 5 \text{ Dgt}$
	60 k Ω	0.01 k Ω	$\pm 1.5\% + 5 \text{ Dgt}$
	600 k Ω	0.1 k Ω	$\pm 1.5\% + 5 \text{ Dgt}$
	6 M Ω	0.001 M Ω	$\pm 1.5\% + 5 \text{ Dgt}$
Capacity	60 nF	0.01 nF	$\pm 5\% + 35 \text{ Dgt}$
	600 nF	0.1 nF	$\pm 3\% + 5 \text{ Dgt}$
	6 μF	0.001 μF	$\pm 3\% + 5 \text{ Dgt}$
	60 μF	0.01 μF	$\pm 3\% + 5 \text{ Dgt}$
	600 μF	0.1 μF	$\pm 4\% + 5 \text{ Dgt}$
	6000 μF	1 μF	$\pm 5\% + 5 \text{ Dgt}$
Frequency	9 Hz	0.001 Hz	$\pm 1\% + 5 \text{ Dgt}$
	99 Hz	0.01 Hz	$\pm 1\% + 5 \text{ Dgt}$
	999 Hz	0.1 Hz	$\pm 1\% + 5 \text{ Dgt}$
	9 kHz	0.001 kHz	$\pm 1\% + 5 \text{ Dgt}$
Temperature (type K thermocouple)	-20 ... 760°C	0.1°C	$\pm 3\% + 5^\circ\text{C}$
	-4 ... 1400°F	0.18°F	$\pm 3\% + 9^\circ\text{F}$

Subject to change

