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True RMS Multimeter PCE-HDM 5-ICA

Digital multimeter PCE-HDM 5-ICA incl. ISO calibration certificate

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

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

In addition to these measuring functions, the PCE-HDM 5-ICA compact multimeter has a Bluetooth interface. Through this interface, the multimeter can be connected to a smartphone or tablet. Here is the possibility that the tablet can be used as a multimeter datalogger. Also installed in the multimeter is a flashlight, which can be used for measuring point lighting. Of course, the display of the multimeter is also equipped with LED lighting, which ensures comfortable reading from the display.

- Compact multimeter
- Bluetooth interface
- Illuminated display
- Flashlight
- Robust
- Ideal for craftsmen and service technicians
- Incl. ISO calibration certificate**

Specifications:

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

Technical data of the digital multimeter PCE-HDM 5

	Measuring range	Resolution	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
AC	6V	0.001V	± 1% + 5 Dgt
	60V	0.01V	± 1% + 5 Dgt
	600V	0.1V	± 1.2% + 5 Dgt
DC	6V	0.001 V	± 1% + 3 Dgt
	60V	0.01V	± 1% + 3 Dgt
	600V	0.1V	± 1.2% + 3 Dgt
Resistance	600 Ω	0.1 Ω	± 1% + 4 Dgt
	6 kΩ	0.001 kΩ	± 1.5% + 5 Dgt
	60 kΩ	0.01 kΩ	± 1.5% + 5 Dgt
	600 kΩ	0.1 kΩ	± 1.5% + 5 Dgt
	6 MΩ	0.001 MΩ	± 1.5% + 5 Dgt
Capacity	60 nF	0.01 nF	± 5% + 35 Dgt
	600 nF	0.1 nF	± 3% + 5 Dgt
	6 µF	0.001 µF	± 3% + 5 Dgt
	60 µF	0.01 µF	± 3% + 5 Dgt
	600 µF	0.1 µF	± 4% + 5 Dgt
	6000 µF	1 µF	± 5% + 5 Dgt
Frequency	9 Hz	0.001 Hz	± 1% + 5 Dgt
	99 Hz	0.01 Hz	± 1% + 5 Dgt
	999 Hz	0.1 Hz	± 1% + 5 Dgt
	9 kHz	0.001 kHz	± 1% + 5 Dgt
Temperature (type K thermocouple)	-20 ... 760°C	0.1°C	± 3% + 5°C
	-4 ... 1400°F	0.18°F	± 3% + 9°F

Delivery scope:

- 1 x Digital PCE-HDM 5 multimeter
- 2 x Measuring line
- 2 x 1.5V battery
- 1 x Thermocouple type K
- 1 x Thermocouple adapter
- 1 x Operating Instructions
- 1 x ISO calibration certificate