

# DIGITAL POWER METER

## PCE-PA 7500



- » **Power Measurement Range: .1 ... 5 W**
- » **Current Measurement Range: .1 ... 2 A AC**
- » **Frequency, Power Factor, Energy**
- » **Accuracy:  $\pm(.4\% \text{ of measured value} + .1)$**
- » **2 Input Channels**
- » **Color Display**

The electrical tester is designed for accurate measurement and analysis of parameters such as power consumption and quality. The power meter has 2 input channels for measuring voltage, current, active power, power factor, frequency, and energy consumption in kWh. In addition to the color display, the electrical tester has additional input jacks for measurements up to 2 A. The measurement range of .1 ... 5 W allows power measurement for many consumers in industry and crafts. The electrical tester has a current measurement range of .1 ... 2 A AC with a resolution of 1 mA.

In the settings of the electrical tester, an alarm value can be set for the power and current value, which gives an audible warning when exceeded. The electrical tester comes with 4 safety measurement cables, and the measurement jacks are also protected against electric shock to enable the operator to measure safely. The power meter can be used in the laboratory on the table as well as in industrial environments, thanks to the adjustable stand bracket.

## Specification

<b>AC voltage</b>		<b>General technical data</b>	
Measuring range up to	2 ... 250 V	Number of measuring channels	3
Resolution	0,01 V	Frequency	10 ... 100 Hz
Accuracy	±(0.4% of the measured value (of m.v.) +0.1)	Display Typ	TFT-Color Display
<b>Alternating current AC</b>		<b>Display size</b>	
Measuring range up to	0,001 ... 20 A	cable length	2 m
Resolution	0,001 A	Menu language	English (US), Chinese
Accuracy	±(0.4% of the measured value (of m.v.) +0.1)	Protection class (device)	IP20
<b>Active power</b>		<b>Connector type</b>	
Measuring range up to	0,1 ... 5000 W	Operating conditions	0 ... 40 °C, 0 ... 93 %RH
Resolution	0,1 W	Storage conditions	0 ... 55 °C, 0 ... 93 %RH
Accuracy	±(0.4 % of the measured value (of m.v.) +0.1)	Dimensions ( L x W x H )	355 x 265 x 110 mm
<b>Power factor</b>		<b>Weight</b>	
Measuring range up to	0,001 ... 1		2870 g
Resolution	0.0001		