# ELECTRICAL TESTER 2-CHANNEL

## PCE-PA 7500-ICA




- **Power Measurement Range: 0.1 ... 5000 W**
- **Current Measurement Range: 0.001 ... 20 A AC**
- **Frequency, Power Factor, Energy**
- **Accuracy: ±(0.4% of measured value + 0.1)**
- **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 0.1 ... 5000 W allows power measurement for many consumers in industry and crafts. The electrical tester has a current measurement range of 0.001 ... 20 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.

## Specification

| AC voltage | |
|---|---|
| Measuring range | 2 ... 250 V |
| Resolution | 0,01 V |
| Accuracy | ±(0.4 % of Rd +0.1) |
| **Alternating current AC** | |
| Measuring range | 0,001 ... 20 A |
| Resolution | 0,001 A |
| Accuracy | ±(0.4 % of Rd +0.1) |
| **Active power** | |
| Measuring range | 0,1 ... 5000 W |
| Resolution | 0,1 W |
| Accuracy | ±(0.4 % of Rd +0.1) |
| **Power factor** | |
| Measuring range | 0,001 ... 1 |
| Resolution | 0.0001 |

| General technical data | |
|---|---|
| Number of measuring channels | 3 |
| Cable length | 2 m |
| Frequency | 10 ... 100 Hz |
| Display type | TFT colour display |
| Display size | 4,3 Inch |
| Measuring method | Trms |
| Measuring interval from | 0,1 s |
| Measuring interval to | 5 s |
| Menu language | English, Chinese, English (GB) |
| Protection class (device) | IP20 |
| Power supply | 100 ... 240 V AC |
| Connector type | Cold-device plug |
| Operating conditions | 0 ... 40 °C , 0 ... 93 % RH |
| Storage conditions | 0 ... 55 °C , 0 ... 93 % RH |
| Dimensions ( L x W x H ) | 355 x 265 x 110 mm |
| Weight | 2870 g |

PCE Instruments UK Ltd.
Chester Rd, Old Trafford Suite 1N-B, Trafford House, M32 0RS Manchester
Great Britain

Phone: +44 (0) 161 464902 0
info@pce-instruments.co.uk