# ELECTRICAL TESTER

## PCE-MO 2010-ICA




- **7 selectable measuring ranges**
- **4-wire measuring method**
- **LC display 5.1 inch with illumination**
- **Internal memory**
- **Automatic switch-off**
- **Date and time display**

The electrical tester with seven selectable measuring ranges from 0 µΩ to 200 Ω, a maximum resolution of 0.1 µΩ and a maximum test current of 10 A offers a wide range of applications. Thanks to the 4-wire measuring method, the electrical tester guarantees accurate measurements at the smallest resistances without the influence of the lead resistance. It can therefore be used for a wide range of applications, e.g. to detect poor contact between two measuring points, measurements on switches, continuity of earth connections or for testing metal coatings.

The illuminated LC display of the electrical tester makes it easy to read the measurement results, even in unfavourable lighting conditions. With an internal memory for up to 200 measured values and a low battery indicator, the device offers additional user-friendliness and makes the electrical tester an indispensable tool for preventive maintenance.

## Specification

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|---|---|
| **Resistance** | |
| Measuring range | 0 ... 200 µΩ |
| Resolution | 0,1 µΩ |
| Accuracy | ±(2 % +8 digits) |
| **Resistance** | |
| Measuring range | 0 ... 2000 µΩ |
| Resolution | 1 µΩ |
| Accuracy | ±(2 % +8 digits) |
| **Resistance** | |
| Measuring range | 0 ... 20 mΩ |
| Resolution | 0,01 mΩ |
| Accuracy | ±(1 % +4 digits) |
| **Resistance** | |
| Measuring range | 0 ... 200 mΩ |
| Resolution | 0,1 mΩ |
| Accuracy | ±(1 % +4 digits) |
| **Resistance** | |
| Measuring range | 0 ... 2 Ω |
| Resolution | 1 mΩ |
| Accuracy | ±(1 % +4 digits) |
| **Resistance** | |
| Measuring range | 0 ... 20 Ω |
| Resolution | 0,01 Ω |
| Accuracy | ±(1 % +4 digits) |
| **Resistance** | |
| Measuring range | 0 ... 200 Ω |
| Resolution | 0,1 Ω |
| Accuracy | ±(1 % +4 digits) |

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|---|---|
| **General technical data** | |
| Display type | LCD with backlight |
| Display size | 5,1 Inch |
| Storage medium | Internal memory |
| Storage capacity | 200 Values |
| Interface | RS232 |
| Standard(s) | IEC61010-1, EN 61326-1 |
| Automatic power-off | 3 min |
| Safety standard | CAT III 300V |
| Measuring method | 4-wire method for mΩ measurement |
| Test current | 10 A: 200.0 µΩ / 2000 µΩ<br>1 A: 20.00 mΩ / 200.0 mΩ<br>100 mA: 2.000 Ω / 20.00 Ω<br>10 mA: 200.0 Ω |
| Menu language | English |
| Protection class (device) | IP30 |
| Power supply | 24 VDC / 0.625 A |
| Connector type | Device-europlug |
| Capacity | 5200 mAh |
| Operating conditions | 0 ... 40 °C , 0 ... 80 % RH |
| Storage conditions | 0 ... 40 °C , 0 ... 40 % RH |
| Dimensions ( L x W x H ) | 322 x 260 x 135 mm |
| Weight | 3126 g |