

## Technical Infrared Thermometer PCE-889B

**Digital infrared thermometer for non-contact temperature measurement / Adjustable emissivity /  
Optical resolution 30:1 / Measuring range of -50 ... +1000 °C /  
Double laser aiming / Maximum value display**

The digital infrared thermometer is suitable for private and industrial use because of its price-performance ratio. An infrared thermometer is a contactless measuring device. The bright laser dots from infrared instruments are clearly visible and provide easier temperature measurement from a distance. The spot size ratio allows the user to make even the most remote measurements. The emissivity of the infrared thermometer is adjustable.

The temperature range that is measurable is between -50 and +1000 °C. Thus, a large area is covered and this is also the reason why the infrared thermometer is so versatile. The operational area of the infrared thermometer is quite large. This equipment can be used in many processes of industry, handicrafts, trade and hobbies. Thus, the infrared thermometer can be used for maintenance of manufacturing facilities. It also helps to ensure the cold chain, and is used for the temperature checking of workpieces.

- Optical resolution 30:1
- Measuring range of -50 ... +1000 °C
- Maximum value display
- Adjustable emissivity
- Double laser aiming
- Backlit display

### Technical Data

|  |   |
|--|---|
| Measuring ranges                                 | -50 ... +1000 °C  |
| Resolution                                       | 0.1 °C  |
| Accuracy   | ±1 %  |
| Response time                                    | <150 ms   |
| Ratio of measuring distance to spot size         | 30:1  |
| Adjustable emissivity, depending on the material | 0.1 ... 1.0   |
| Spectral range                                   | 8 ... 14 µm   |
| Visible laser beams for sighting                 | Double laser (class 2)                                      |
| Dimensions                                       | 146 x 104 x 43 mm   |
| Weight   | 163 g   |
| Temperature units                                | °C / °F   |
| Display functions                                | HOLD function, automatic shutdown,<br>maximum value display |
| Backlight  | yes   |

|                                      |                   |
|--------------------------------------|-------------------|
| Indicator if temperature is exceeded | yes               |
| Duration measurement function        | yes               |
| Alarm output                         | yes               |
| Power supply                         | 9 V block battery |

**Delivery Contents**

- 1 x Digital Infrared Thermometer PCE-889B
- 1 x Battery
- 1 x Instruction manual