INFRARED THERMOMETER

PCE-889B



- **Optical resolution 30:1**
- **Measuring range of -50 ... 1000°C / -58 ... 1832°F**
- **Maximum value display**
- **Adjustable emissivity**
- **Double laser aiming**
- **Backlit display**

The infrared thermometer is suitable for private and industrial usebecause of its price-performance ratio. An infrared thermometer is a contactless measuringdevice. The bright laser dots from infrared instrumentsare 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 / -58 ... 1832°F. 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 canbe 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 work pieces.

Specification

Infrared temperature	
Measuring range	-50 ... +1000 °C
Accuracy	±1 %

Temperature	
Measuring range	-50 ... +1000 °C
Resolution	0,1 °C
Accuracy	±1 %

General technical data	
Measuring functions	MAX, HOLD
Units	°C, °F
Display type	LCD
Display size	0,6 Inch
Response time	150 mS
Measurement spot	30:1
Laser	Class 2 <1mW
Emissivity from/to	0.1 ... 1
Spectral range	8 ... 14 µm
Menu language	English, English (GB)
Protection class (device)	IP20
(Rechargeable) battery	1 x 9 V 9V block , Alkali-manganese
Capacity	640 mAh
Operating conditions	0 ... 50 °C , 0 ... 90 % RH
Storage conditions	0 ... 50 °C , 0 ... 90 % RH
Dimensions (L x W x H)	146 x 104 x 43 mm
Weight	163 g