

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 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 / -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 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 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