INFRARED THERMOMETER

PCE-777N



- **Fast measurement result**
- **Measured value indication optionally in °C or °F**
- **Fixed emissivity**
- **Optical resolution 8: 1**
- **Automatic shutdown**
- **Battery operation**
- **Switchable sighting tool**
- **Compact and robust design**

The contactless thermometer measures the temperature of surfaces via infrared beam non-destructively and from a distance. This light contactless thermometer is characterized by simple operation and the red sighting tool. So you can accurately measure the temperature of a particular area on a surface. The contactless thermometer is for industry and craft, maintenance and servicing, e.g.in the field of heating, ventilation and air conditioning, automotive, and is useful in the control of electrical equipment and control systems.

The contactless thermometer can also be used under difficult conditions and provides you with measurement results. The backlight of the contactless thermometer is selectively turned on or off. The contactless thermometer has a visible sighting tool for precise contactless pointing and quick temperature measurement from a safe distance of hot or moving objects or of difficult measuring points. The emission level is fixed for this contactless thermometer at 0.95 and covers about 90% of all temperature measuring tasks.

Specification

Infrared temperature	
Measuring range	-30 ... 0 °C
Resolution	0,1 °C
Accuracy	±4 °C
Infrared temperature	
Measuring range	0 ... 260 °C
Resolution	0,1 °C
Accuracy	±2% or ±2°C

General technical data	
Measuring functions	MIN, MAX, HOLD
Units	°C, °F
Display Typ	LCD
Response time	1 s
Automatic power-off	8 s
Measurement Spot	8:1
Laser	Class 2 <1mW
Emissivity	0,95
Spectral range	6 ... 14 µm
Menu language	English (US), English (GB)
Protection class (device)	IP20
Battery/battery	1 x 9 V 9V Block , Zinc carbon
Battery capacity	400 mAh
Operating conditions	0 ... 50 °C , 10 ... 90 %RH
Storage conditions	-20 ... 60 °C , 0 ... 80 %RH
Dimensions (L x W x H)	80 x 35 x 135 mm
Weight	94 g

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