

Thermometer PCE-777N



**Small and compact contactless thermometer with red laser pointer /
Contactless, non-destructive measurement of surface temperatures /
Measuring spot ratio of 8:1 / Automatic shutdown**

The contactless thermometer PCE-777N 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 PCE-777N 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.

- ▶ 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

Specifications

Temperature measuring range	-30 ... 260°C / -22 ... 500°F
Response time	< 1 s
Overload	LCD display "-----"
Polarity	Automatically (no indication of positive polarity) Minus (-) sign for negative polarity
Emissivity (fixed)	0.95
Optical resolution	8:1
Laser point	A visible point laser beam power <1mW, Wavelength 630 ... 670 nm, Class II
Spectral range	6 ... 14 µm
Automatic shutdown	After 8 seconds of inactivity
Operating conditions	0 ... 50°C / 32 ... 122°F, 10% ... 90% r.H.
Storage conditions	-20 ... 60°C / -4 ... 140°F, < 80% r.H.
Power supply	9V block battery
Dimensions	82 x 41.5 x 160 mm / 3.2 x 1.6 x 6.3 in
Weight	180 g / < 1 lb

Specifications Infrared Digital Thermometer

Measuring range	-30 ... 0°C / -22 ... 32°F (range 1)
	0 ... 260°C / 32 ... 500°F (range 2)
Resolution	0.1°C / 0.1°F (both ranges)
Accuracy	±4°C / ±4°F (in range 1)
	± 2% of reading / ± 2°C / ± 4°F (range 2)

More information

Manual



More product info



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