

Thermometer PCE-777N



Smalland compact contactless thermometer withred laser pointer / Contactless, non-destructive measurement of surfacetemperatures / Measuringspot ratio of 8: 1 / Automaticshutdown

The contactless thermometer PCE-777N measures the temperature of surfaces via infrared beam non-destructivelyand from a distance. Thislight contactless thermometer is characterized by simple operation and the red sighting tool.So you can accurately measure the temperature of a particular area on asurface. 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 controlsystems.

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 avisible sighting tool for precise contactless pointing and quick temperature measurement from 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 coversabout 90% of all temperature measuring tasks.

- Fastmeasurement result
- Measuredvalue indication optionally in °C or °F
- Fixed emissivity
- Opticalresolution 8: 1
- Automatic shutdown
- Battery operation
- Switchable sighting tool
- Compact androbust design

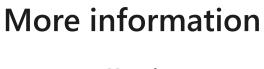




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Specifications

Temperature	-30 260°C / -22 500°F
measuring range	-22 500°F / -7.6 932°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	After8 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

Mascuring range	-30 0°C / -22 32°F (range 1)
Measuring range	0 260°C / 32 500°F (range 2)
Resolution	0.1°C / 0.1°F (bothranges)
Accuracy	±4°C / ±4°F (in range 1)
Accuracy	\pm 2%of reading / \pm 2°C / \pm 4°F (range 2)





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