

Digital thermometer PCE-600

Mini infrared thermometer with large measuring range -35 ... 260°C (-31 ... 500°F) / Data Hold function

Simple, handy and robust mini-infrared thermometer for non-contact measurement of surface temperature. The mini-infrared thermometer has a display of the current temperature. After the measurement, the measured value remains in the display. Within less than a second you get the surface temperature. The non-contact measuring method also enables the measurement of hot, dangerous or hard-to-reach objects. The applications are virtually unlimited. Thus, this mini-infrared thermometer can be used in the control of heating and air conditioning systems, underfloor heating, for detecting hot spots on electrical equipment, etc. The emission value of this infrared thermometer is set to 0.95 and thus covers 90% of all temperature measurement tasks.

- IR temperature measuring range of -35 ... 260°C / -31 ... 500°F
- Measured value display optionally in °C or °F
- Automatic shutdown
- Display of the current temperature
- Last measurement is retained for 15 seconds
- Distance / measuring point ratio of 1: 1
- Easy to handle - compact design

Specifications:

Temperature measurement range	-35 ... 260°C / -31 ... 500°F
Resolution	0.1°C / 0.18°F
Accuracy	± (2% of Mw + 2°C / 3.6°F)
Repeatability	± 1% or ± 1°C / 1.8°F
Emissivity	0.95
Optical resolution	1: 1
Response time	About 1 ms
Wavelength range	8 ... 14 µm
Power supply	2 x 1.5V LR44 batteries
Operating conditions	0 ... 50°C / 32 ... 122°F
Storage conditions	-20 ... 60°C / -4 ... 140°F
Dimensions	18 x 90 mm / 0.7 x 3.5 in
Weight	About 20 g / < 1 lb

Delivery scope:

- 1 x Digital thermometer PCE-600
- 2 x LR44 battery
- 1 x User manual