Thermometer PCE-GIR 10

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Non-contact measurement of surface temperatures / Sensor on the gooseneck / Pyrometer for Temperature measurement in hard to reach places

The pocket-size thermometer PCE-GIR 10 is very good value for money and easy to use. This thermometer is suitable for industry and craft for maintenance and servicing, eg in the field of heating, ventilation, air conditioning, motor vehicles, in the control of electrical systems and control cabinets. The thermometer with illuminated display can also be used under difficult conditions. It has a visible laser beam for accurate bearing, non-contact and fast temperature measurement from a safe distance on hot or moving objects.

Thanks to the sensor, which is mounted on a gooseneck, the PCE-GIR 10 thermometer can also be used to measure temperatures in hard-to-reach places. The emission value of this thermometer is fixed at 0.95 and thus covers 90% of all temperature measurement tasks.

- ▶ LCD display with backlight
- ▶ Automatic shutdown
- ▶ Fast measurement sequence (0.5 s)
- ▶ 8: 1 spot size ratio
- ▶ Optical laser beam
- ▶ Measurement holding function
- ▶ Sensor on the gooseneck
- ▶ Incl. battery, bag and instructions

Specifications

Temperature measurement range	-30 ... 600°C / -22 ... 1112°F
Accuracy	< -20°C: ± 5°C / -4°F: ± 9°F < 200°C: ± (2% of Mw + 2°C) / 392°F: ± (2% of Mw + 3.6°F) < 600°C: ± (2% of Mw + 2°C) / 1112°C: ± (2% of Mw + 3.6°F)
Resolution	< -20°C: 0.1°C / -4°F: 0.18°F < 200°C: 0.1°C / 392°F: 0.18°F < 600°C: 1°C / 1112°F: 1.8°F
Measurement spot (measuring distance to measuring point size)	8: 1
Spectral sensitivity	8 ... 14 µm
Emissivity (fixed)	0.95
Laser point / target Point	Visible single-point laser beam
Display	LCD display with lighting
Ambient temperature range	0 ... 50°C / 32 ... 122°F
power supply	9V block battery
Dimensions	174 x 45 x 40 mm / 6.9 x 1.8 x 1.6 in
Weight	180 g / < 1 lb

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