



## Equipment

*Product information*

*Infrared thermometer HP-880EK*

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## Infrared thermometer HP-880EK

for non-contact temperature measurement, with laser and display background light

### Description:

Compact, rugged and easy to use. Just aim and push the button, read current surface temperatures in less than a second. Safely measure surface temperatures of hot, hazardous or hard-to-reach objects without contact.

Infrared thermometer measures the surface temperature of an object. The units` optics sense emitted, reflected, and transmitted energy which is collect and focused onto a detector. The units electronics transmitted energy which is display on the unit. For increased ease and accuracy the laser pointer makes aiming even more precise.



### Technical Specification:

#### Temperature range:

-30 °C to 550 °C (-22 °F to 1022 °F)

Note:

Measurement range while using NTC:

-30 °C to 400 °C (-22 °F to 722 °F)

#### Accuracy:

± 3 °C or ± 3 % of rdg, -30 °C to 0 °C (-22 to 32 °F)

± 2 °C or ± 2 % of rdg, 0 °C to 100 °C (32 to 212 °F)

± 3 °C or ± 3 % of rdg, ≥ 100 °C (212 °F)

Repeatability:

1 % of reading or 1 °C

Response time:

500 msec, 95 % response

Spectral response:

8-14 µm

Emissivity:

0.1-1.0 adjustable

Ambient operating range:

0°C to 40 °C (32 to 104 °F)

Relative humidity:

10-95 % RH noncondensing

Storage temperature:

-20 to 60°C (-4 to 140°F) without battery

Ambient temp range of guarantee

For accuracy:

23 °C to 28 °C

Power:

9V Alkaline or NiCd battery

Display Spot size:

12:1

Dimensions:

146 x 80 x 38 mm

Weight:

130 g

### Scope of Delivery:

- Infrared thermometer HP-880EK
- 9V battery
- Keeping bag
- User manual

Order-No.: G74 L

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Please visit our website [www.mr-chemie.de](http://www.mr-chemie.de)