

GENERAL®

8:1 Non-Contact Infrared Thermometer

THE HEAT SEEKER™

Ideal for most applications in HVAC/R, plumbing and heating, electrical, automotive and other industrial jobs.

The IRT207 "Heat Seeker" is a precision measuring device used for obtaining accurate temperatures without having to contact the object being measured.

It works by capturing and measuring the invisible infrared energy naturally emitted by all objects. It offers an easy and safe way to measure surface temperatures of objects which are difficult or unsafe to contact.

The "Heat Seeker" has a rugged, ergonomic design and features a backlit LCD display with built-in laser sighting. The IRT207 has a measurement range of -4° to 604°F (-20° to 320°C) and utilizes a switchable on/off laser pointer for target location.

The practical distance-to-spot ratio of 8:1 is suitable for most consumer and commercial applications.

Features & Benefits:

- 8:1 Distance-to-spot (D:S) ratio
- Rugged and ergonomic design
- Wide measurement range
- $\pm 2\%$ basic accuracy
- Backlit LCD display
- Switchable on/off laser pointer
- 7 sec. Auto Power Off
- °F/°C selectable
- CE, RoHS, WEEE approved

Includes:

1 "9V" Battery, User's Manual and 1 Year Warranty



The IRT207 makes it easy to detect overheated circuits

No. IRT207



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Specifications:

Measurement Range: -4° to 604°F (-20° to 320°C)

Measurement Accuracy: $\pm 2\%$ of reading or $\pm 2^\circ\text{C}$, whichever is greater

Repeatability: $\pm 2^\circ\text{F}$ ($\pm 1^\circ\text{C}$)

Response Time: 500ms

Operating Temperature:

32° to 122°F (0° to 50°C), 10 to 90% RH

Auto Power Off: After 6 seconds of inactivity

Emissivity: Fixed at 0.95

Storage Temperature:

14° to 140°F (-10° to 60°C)

°F/°C Switchable: Yes

Backlight: Yes

Laser Pointer ON/OFF Switch: Yes

Battery Life: 16 hours

Dimensions:

6.14 x 3.95 x 1.26 in. (156 x 100 x 32mm)

Weight: 6 oz. (135g)

Power Source: "9V" battery (included)



No. IRT207



Performance-testing a new A/C system



With a 600°F measurement ceiling, the unit

