

TEMPERATURE

Infrared Thermometers

TOLL FREE (800) 697-8665
FAX (212) 431-6499
www.generaltools.com

Patent Pending



IRT657



Class 3R Laser Product
Laser radiation!
Avoid direct eye exposure!

12:1 WIDE-RANGE INFRARED THERMOMETER WITH STAR BURST LASER TARGETING – IRT657

Ideal for isolating overheated electrical components and hot spots, troubleshooting HVAC/R and automotive systems, or performance-testing motors and boilers.

FEATURES:

- Wide measurement range of -40° to 1076°F (-40° to 580°C)
- Accuracy of $\pm 3.6^\circ\text{F}$ (2°C) or $\pm 5.4^\circ\text{F}$ (3°C), depending on temperature
- Large (1.6 in. diagonal) backlit LCD

SPECIFICATIONS:

- ♦ Distance-To-Spot (D:S) Ratio: 12:1
- ♦ Temperature Measurement Range: -40° to 1076°F (-40° to 580°C)
- ♦ Emissivity: Fixed at 0.95
- ♦ Measurement Accuracy: $\pm 3.6^\circ\text{F}$ (2°C) or $\pm 2\%$ of reading above 32°F (0°C); $\pm 5.4^\circ\text{F}$ (3°C) or $\pm 2\%$ of reading below 32°F (0°C)
- ♦ Response Time: 500 msec for 95% response

- ♦ Display Size and Type: 1.6 in. (40.6mm) diagonal LCD
- ♦ Operating Temperature: 32° to 104°F (0° to 40°C) @ $<75\%$ relative humidity (RH)
- ♦ Laser Power: $<3\text{mW}$ (Class 3R)
- ♦ Dimensions: 6.9 x 3.6 x 1.5 in. (175 x 91.5 x 38mm)
- ♦ Weight: 5.93 oz. (168g)
- ♦ Power Source: 1 "9V" battery (included)

INCLUDES:

- Carrying Case • Battery • User's Manual
- 1-Year Limited Warranty

UPC	NO.
01480 6	IRT657

12:1 DUAL SENSOR INFRARED THERMOMETER WITH "K" TYPE THERMOCOUPLE & ADJUSTABLE EMISSIVITY – IRT659K

Ideal for isolating overheated electrical components and hot spots, troubleshooting HVAC/R and automotive systems, and performance-testing motors and boilers.

FEATURES:

- Automatically holds measurements
- Automatically stores last 10 readings for recall
- Displays Min/Max/Avg/Dif temperatures captured during each scanning session
- Settable high and low temperature alarms
- $^\circ\text{C}/^\circ\text{F}$ and laser pointer on/off switches

SPECIFICATIONS:

- ♦ Distance-to-Spot (D:S) Ratio: 12:1
- ♦ IR Temperature Measurement Range: -58° to 1202°F (-50° to 650°C)
- ♦ IR Temperature Measurement Accuracy: $\pm 3.6^\circ\text{F}$ (2°C) or $\pm 2\%$ of reading (whichever is greater) above 32°F (0°C); $\pm 4.8^\circ\text{F}$ (3°C) or $\pm 3\%$ of reading (whichever is greater) below 32°F
- ♦ "K" Port Measurement Range: -146° to 2498°F (-99° to 1370°C)
- ♦ Included "K" Type Thermocouple Range/Accuracy: -50° to 500°F (-45° to 260°C) / $\pm(1\%$ of reading + 1°C) above 0°C ; $\pm(2\%$ of reading + 2°C) below 0°C
- ♦ Display Resolution: 0.1° (F or C)
- ♦ Emissivity: Adjustable from 0.1 to 1.0 in 0.01 steps, with default of 0.95
- ♦ Display Size & Type: 1.5 in. (38mm) diagonal backlit LCD

- ♦ Response Time: 500 ms
- ♦ Laser Power: Class 3R ($<3\text{mW}$)
- ♦ Operating Temperature: 32° to 104°F (0° to 40°C) @ 10 to 75% RH, non-condensing
- ♦ Auto Power Off Trigger: 30 seconds of inactivity
- ♦ Dimensions: 5.31 x 1.65 x 6.81 in. (135 x 42 x 173mm)
- ♦ Weight: 6.93 oz. (168g) (without battery)
- ♦ Power Source: (1) "9V" battery (included)

INCLUDES:

- "K" Type Thermocouple Probe
- Soft Carrying Case
- Battery
- User's Manual
- 1-Year Limited Warranty

UPC	NO.
01598 8	IRT659K

Optional "K" type probes: See pp. I-44 – 45



IRT659K



Class 3R Laser Product
Laser radiation!
Avoid direct eye exposure!

