



(Images are 50% actual size)



9930-IRT



9952-IRT



9975-IRT

### Description

The Redington Model 99 line of non-contact thermometers use the latest infrared measuring technologies housed in rugged and ergonomic designs. These high performance measuring instruments feature laser sighting, backlight LCD displays, and are available with some of the highest distance to spot ratios in the industry. With ultra low power consumption and available data storage, the Model 99 line provides extended measuring reliability for a variety of applications.

### Features

- Rugged and ergonomic design
- Ultra low power consumption mode
- Backlit LCD display
- °C or °F selectable
- Laser sighting ON/OFF
- 9V battery included
- CE & RoHS Compliant

### Options

- Adjustable emissivity from 0.1 to 1.00 in 0.01 steps
- High distance to spot ratios
- Electronic trigger lock
- Temperature data storage
- Available alarms

### Models Description

<b>9930-IRT</b>	Standard non-contact IRT kit - includes 9V battery, instruction manual, and certificate of calibration
<b>9952-IRT</b>	Professional non-contact IRT kit - includes 9V battery, instruction manual, certificate of calibration, and reinforced holster case
<b>9975-IRT</b>	High Performance HDS non-contact IRT kit - includes 9V battery, instruction manual, certificate of calibration, & heavy-duty carrying case

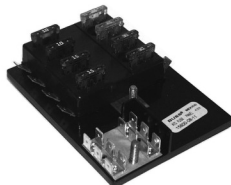
\* All Items in bold are normally in factory stock.

### Applications

Semiconductor Manufacturing



Circuit Terminal Testing



Electrical Troubleshooting



HVAC Inspection



Auto Repair & Maintenance





Specifications

SPECIFICATIONS	9930-IRT	9952-IRT	9975-IRT
Distance/Spot Ratio	8:1	12:1	50:1
Temperature Range	-4 ~ 605°F (-20 ~ 320°C)	-25 ~ 999°F (-32 ~ 535°C)	-25.6 ~ 2373°F (-32 ~ 1300°C)
Accuracy (Assumes Operation Ambient Temperature of 25°C/77°F)	±2% of reading or ±3°F whichever is greater	±5°F (±3°C) From -25 ~ -4°F (-32 ~ -20°C) ±3°F (±2°C) From -4 ~ 212°F (-20 ~ 100°C) ±2% From 212 ~ 999°F (100 ~ 535°C)	±5°F (±3°C) -25.6 ~ -4°F (-32 ~ -20°C) ±3°F (±2°C) -4 ~ 212°F (-20 ~ 100°C) Above 212°F (100 °C): ±2%
Thermopile	5~14µm	5~14µm	8~14µm
Repeatability	±2°F (±1°C)	±2°F (±1°C)	±2°F (±1°C)
Resolution	0.5°F (0.5°C)	0.1°F (0.1°C)	0.1°F OR 0.1°C (Above 2000°F: 1°F)
Response Time	500ms	500ms	500ms
Operation Temp	0~50°C (32~122°F), 10~90%RH	0~50°C (32~122°F), 10~90%RH	0~50°C (32~122°F), 10~90%RH
Auto Power Off	Automatically after approx. 6sec	Automatically after approx. 6sec	Automatically after approx. 6sec
Emissivity	Fixed at 0.95	0.95	Adjustable 0.1~1.0
Dimensions	5.9" x 5.2" x 1.8" (150x133x45mm)	6.7" x 5.2" x 1.8" (170mm x 133mm x 45mm)	7.9" x 6.5" x 2.0" (200 x 166 x 51mm)
Weight (with Battery)	5.44 oz (169g)	7.12 oz (222g)	9.02 oz (281g)
°F/°C Switchable	YES	YES	YES
Backlight	YES	YES	YES
Laser Sight Switchable	YES	YES	YES
Max/Min/Avg./ΔT	NO	YES	YES
Auto-measuring	NO	YES	YES
10 Point Memory	NO	YES	YES
Audio Alarm	NO	YES	YES
Tripod Mount	NO	NO	YES
Dual Display	NO	NO	YES

LCD Display

