



## IRTC50 - Energy Audit IR Thermometer / Scanner



### Features & Benefits :

- Red or blue light and fast or slow buzzer signal when the target temperature is above or below the reference temperature  $\pm$  the set-point
- Fast response time of 0.5 seconds Unique Star Burst laser targeting system helps approximate the target spot size
- Large backlit LCD
- Automatic temperature hold when the trigger is released
- Display and backlight turn off after 15 seconds of inactivity
- Auto-power off after 60 seconds of inactivity

### Specifications :

- Measurement Range:  $-40^{\circ}$  to  $428^{\circ}\text{F}$  ( $-40^{\circ}$  to  $220^{\circ}\text{C}$ )
- Measurement Accuracy:  $\pm 4^{\circ}\text{F/C}$  or  $\pm 2\%$  of reading above  $32^{\circ}\text{F}$  ( $0^{\circ}\text{C}$ );  $\pm 3^{\circ}\text{F/C}$  or  $\pm 3\%$  of reading below  $32^{\circ}\text{F}$  ( $0^{\circ}\text{C}$ ) Resolution:  $1^{\circ}\text{F}$  ( $0.5^{\circ}\text{C}$ )
- Distance to Spot Ratio: 8:1
- Emissivity: Fixed at 0.95
- Response Time: 0.5 seconds
- Operating Temperature:  $32^{\circ}$  to  $104^{\circ}\text{F}$  ( $0^{\circ}$  to  $40^{\circ}\text{C}$ )
- Storage Temperature:  $-20^{\circ}$  to  $122^{\circ}\text{F}$  ( $-29^{\circ}$  to  $50^{\circ}\text{C}$ )
- Operating Humidity: 10 to 90%
- Dimensions: 5.31 x 1.65 x 6.81in. (135 x 42 x 173mm)
- Weight: 6.24 oz. (117g) without battery
- Power Source: 1 9V battery (included)

### Includes :

- Battery
- User's manu