

## FEATURES

- Precise non-contact measurements
- Built-in laser pointer
- User selectable °C or °F
- MAX/MIN temperature displays
- Automatic Data Hold & Auto Power off
- Automatic selection range and Display Resolution 0.1°C (0.1°F)
- The meter at 8 inches away measure 1 inch target
- Backlit LCD display
- Trigger Lock

## WIDE RANGE APPLICATIONS

Food preparation, Safety and Fire inspectors, Plastic moulding, Asphalt, Manine and screen printing, measure ink and dryer temperature, Diesel and Fleet maintenance.

### Field of View

The InfraRed Thermometer's field of view is 8:1, meaning that if the InfraRed Thermometer is 8 inches from the target, the diameter of the object under test must be at least 1 inch.



## GENERAL SPECIFICATIONS

<b>Meas. Ranges</b>	: -30°C to 260°C / 22°F to 500°F
<b>Response Time</b>	: Less that 1 second
<b>Over Range Indication</b>	: LCD will show "---
<b>Polarity</b>	: Automatic (no indication for positive polarity), Minus (-) sign for negative polarity
<b>Emissivity</b>	: 0.95 fixed value
<b>Field of View</b>	: D/S = Approx. 8:1 ratio (D = distance, S = spot) (Has 90% ended energy at the focal point
<b>Diode Laser</b>	: Output < 1mW, Wavelength 630 ~ 670 nm, class 2 (II) Laser product
<b>Special Response</b>	: 6 ~ 14 um
<b>Power Off</b>	: Automatic shut off after 8 seconds, approx.
<b>Operating Temp.</b>	: 0°C to 50°C / 32°F to 122°F
<b>Storage Temp.</b>	: -20°C to 60°C / -4°F to 140°F
<b>Relative Humidity</b>	: 10% ~ 90% RH operating, <80% RH storage
<b>Power Supply</b>	: 9V battery, NEDA 1604A or IEC 6LR61 or equivalent
<b>Weight</b>	: 180g.
<b>Size</b>	: 82 X 41.5 X 160 mm

## TECHNICAL SPECIFICATIONS

### DC Voltage

Range	Resolution	Accuracy
-30°C to 0°C (-22°F to 32°F)	0.1°C / °F	± 4°C / ± 7°F
0°C to 260°C (32°F to 500°F)		± 2% of reading or ± 2°C / ± 4°F

### Note:

Accuracy is given at 18°C to 28°C (64°C to 82°C) less than 80% RH

### Emissivity:

0.95 fixed value

### Field of View:

Make sure that the target is larger than the unit's spot size. The smaller the target, the closer you should be to it. When accuracy is critical make sure the target is at least twice as large as the spot size.

\*Technical Specifications & Appearance are subject to change without prior notice

