

## FEATURES

- Precise non-contact measurements
- High distance to sighting ratio measures smaller surface areas at great distance.
- Widest temperature range
- Unique flat surface, modern housing design
- Built-in laser pointer
- Automatic selection range and Resolution to 0.1° or 1°
- °C / °F switchable button
- Automatic Data Hold & Auto power off
- The meter at 50 inches away measure 1 inch target
- Backlit LCD display

### Wide range application

Food preparation, Safety and Fire inspectors, Plastic molding, Asphalt Maintenance and screen printing, measure ink and dryer temperature, HVAC/R, diesel and Fleet maintenance.

### Field of View

The meter's field of view is 50:1, meaning that if the meter is 50 inches from the target, the diameter of the object under test must be at least 1 inch.



## GENERAL SPECIFICATIONS

<b>Display</b>	3-1/2 digit (1999 count) LCD with backlighting
<b>Meas. Ranges/resolution</b>	-50.0°C to 1000°C / -58.0°F to 1832°F (0.1° up to 200°, 1° over 200°)
<b>Response Time</b>	Less than 1 second
<b>Over Range Indication</b>	LCD will show "1"
<b>Polarity</b>	Automatic (non indication for positive polarity); Minus (-) sign for negative polarity
<b>Emissivity</b>	0.95 fixed value
<b>Safety</b>	"CE" comply with EMC
<b>Field of View</b>	D/S = distance, S = spot) (Has 90% encircled energy at the focal point)
<b>Diode Laser</b>	Output <1mW
<b>Wavelength 630 ~ 670nm</b>	
<b>class 2 (III) Laser product</b>	
<b>Spectral Response</b>	8 - 14um
<b>Power Off</b>	Automatic shut of after 7 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>	290g
<b>Size</b>	100 x 56 x 230mm

### Infrared thermometer specifications

Range (Automatic selection 0.1 °C / 1°C)	Resolution	Accuracy
-50.0°C to 200.0°C	0.1°C	± 5°C;
-50.0°C to -20.0°C -20.0°C to 200.0°C		± 1.5% of reading ± 2°C;
201°C to 538°C	1°C	± 2% of reading ± 2°C
539°C to 1000°C		± 3% of reading ± 5°C

Range (Automatic selection 0.1 °F / 1°F)	Resolution	Accuracy
-58.0°F to 200.0°F	0.1°F	± 9°F;
-58.0°F to -4.0°F -4.0°F to 200.0°F		± 1.5% of reading ± 4°F;
201°F to 538°F	1°F	± 2% of reading ± 2°F
1001°F to 1832°F		± 3% of reading ± 9°F

Note: Accuracy is given at 18°C to 28°C (64°F to 82°F), less than 80% RH.

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