

FEATURE

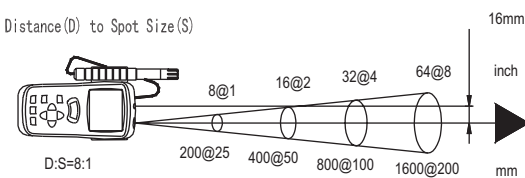
- Two in one Precise non-contact measures Temperature (°C / °F) and Relative Humidity simultaneously
- Dual LCD display for temperature and humidity
- Built-in laser pointer to improve non- contact infrared thermometer aim
- Resolution to 0.1% RH, 0.1° or 1°(°C / °F)
- Switchable °C/°F units with MAX and HOLD functions
- Auto power off
- The meter at 8 inches away measure 1 inch target
- Backlit LCD display
- Ideal for Clean rooms, drying rooms, greenhouses, food and textile industries

Wide range application

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

Field of View

The meter's field of view is 8:1, meaning that if the meter is 8 inches from the target, the diameter of the object under test must be at least 1 inch. Other distances are shown below in the field of view diagram.



Infrared Thermometer Specifications

Range	Resolution	Accuracy
-50.0 °C ~ 200.0 °C	-50.0 °C ~ -20.0 °C	± 5 °C
	-20.0 °C ~ 200.0 °C	± 2% of reading or ± 2 °C
200 °C ~ 500 °C	1 °C	± 2% of reading or ± 2 °C

Range	Resolution	Accuracy
-58.0 °F ~ 200.0 °F	-58.0 °F ~ -4.0 °F	± 9 °F
	-4.0 °F ~ 200.0 °F	± 2% of reading or ± 4 °F
200 °F ~ 932 °F	1 °F	± 2% of reading or ± 4 °F

Note	1. Accuracy is given at 18 °C to 28 °C (64 °F to 82 °F), less than 80 % RH 2. Accuracy specified is for emissivity of 0.95
Emissivity settings	0.95 fixed
Distance Factor	D : S = Approx. 8:1 (D = distance, S = spot)

Relative Humidity / Air Temperature Specifications

Range	Resolution	Accuracy
5.0% RH ~ 95.0% RH	0.1% RH	± 3.5% RH
-20.0 °C ~ 60.0 °C	0.1 °C	± 2 °C
-4.0 °F ~ 140.0 °F	0.1 °F	± 3 °F

- Note:
1. Accuracy is given at 18 °C to 28 °C (64 °F to 82 °F), less than 80 % RH.
 2. Reaction time humidity is about 80 sec., windstill
 3. The measuring range is from 0% to 100%, but above 95% and below 5% the deviation is not specified.

SPECIFICATIONS

DISPLAY	Dual LCD display for temperature and humidity with backlight
IR MEAS. RANGES	-50.0°C to 500°C/-58.0°F to 932°F
HUMIDITY RANGES	0% to 100% RH
SAMPLE RATE	2.5 times/second.
Over Range Indication	LCD will show "OL"
POLARITY	Automatic (no indication for positive polarity); Minus (-) sign for negative polarity.
IR Spectral Response	6 ~ 14um
POWER OFF	Automatic shut off after 10 minute, approx.
OPERATING TEMP.	0°C to 50°C (32°F to 122°F)
OPERATING %RH	Max. 80% RH
POWER SUPPLY	9V battery
WEIGHT	200g.
SIZE	150 X 75 X 40mm

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