

Totaline® Non-Contact Thermometer P920-381



Measure hard-to-reach, sensitive, or large moving target temperatures

Use the P920-381 non-contact thermometer to measure surface temperature and watch the LCD immediately display accurate data without the using a probe.

- HVAC/R surface temperatures: Compressor heads, vents, insulation, leaks around cooler or freezer doors, steam traps and registers
- Food Surface Temperatures: Grill & surface temperatures, holding cabinets, serving temperatures and storage temperatures
- Electrical Surface Temperatures: Cables, circuit breakers, connections, machinery, motors and transformers

Features:

- Easy to use single button operation
- 0.1 resolution for best reading
- Last reading hold
- Soft holster pouch included
- 8:1 distance to spot ratio
- Large, easy to read display
- °C and °F selectable
- 9V battery included
- Temperature range: 0°F to 500°F (-18°C to 260°C)
- 3-Year limited warranty

Specifications

Temperature Range:	-18°C ~ 260°C (0°F ~ 500°F)
Accuracy	±2% or ±2°C or ±3°F whichever is greater
Repeatability	±2% of reading, or ±2°C, whichever is greater
Response Time	500 m second
Spectral Response	7µm ~ 14µm
Emmissivity : Fixed	0.95
Distance to Spot Size	8:1
Laser Sighting	381: with laser
°C/°F Select	Yes
Display	4 digits
Display Resolution:	0.1
Display Hold	Last reading display for 7 sec.
Low Battery Detection	Yes
Back Light	Yes
Operating Temperature	0°C ~ 50°C
Storage Temperature	-25°C ~ 70°C without battery
Relative Humidity	10% ~ 95%
Weight	7oz (200g)
Dimension	155mm x 127mm x 35mm
Power	9V alkaline or NiCd battery

P920-381 FAQs

1. What does “distance to spot ratio” mean?

The laser spot needs to be showing inside the target area. An 8:1 “distance to spot ratio” means you are measuring a 1” diameter area at a distance of 8”.

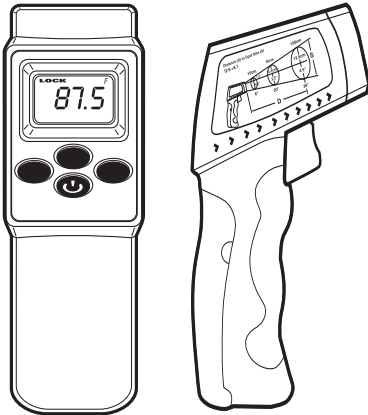
2. How far can I measure?

Distance is unlimited. The size of the target area sets the limit on distance for accurate measurements. Example: If the area you wish to measure is 1 foot in diameter, then you will need to be within 8 feet to record an accurate temperature.

3. What is the smallest target I can read?

Approximately one-half inch in diameter.

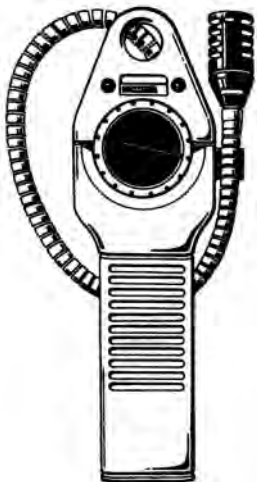
NON CONTACT THERMOMETERS



- Easy-to-read, large LCD
- Maintain reading display in hard to read areas with Display Hold (°F or °C Selectable)
- 0.95 Emissivity Provides best accuracy for most surfaces
- 8:1 Distance to Spot Ratio
- 0.1 Resolution provides increased accuracy of reading
- 3 Year limited Warranty

FUNCTION	370 w/o laser	371	373	375	376	377	380/381
Temp Ranges	14° to 500°F 10° to 260°C		14° to 950°F - 10° to 510°C	0° to 950°F 18° to 510°C	-58° to 950°F -50° to 510°C	0° to 1832°F 18° to 100°C	0° to 500°F - 18° to 260°C
Laser Sighting	No	Yes	Yes	Yes	Yes	Yes	No/Yes
Accuracy @ 23°C and .95 Emissivity	-2% of Reading or ±3.5°F whichever is greater above 30°F			30° to 950°F -1°F to 510°C: ±2% of reading or ±3.5°F (2°C) whichever is greater		30° to 950°F- 18° to 1000°C ±2% of reading or ±3.5°F (2°C) whichever is greater	±2% or ±2° C or ±3°F whichever is greater
Response Time	500 milliseconds						
Spectral Resp.	7-14 um						
Operating Temp	32° to 120°F and 0° to 150°C						
Battery Type	9 Volt Alkaline						
Emissivity	0.95			0.3 to 0.99 adjustable			0.95
Display Resolution				0.1°F and 0.1°C or 1°F and 1°C			0.1
Ambient Operating Range				32° to 120°F and 0° to 50°C			
K-Type Range				-40° to 2192°F and -40° to 1200°C			
K-Type Accuracy				±0.5% pf reading +3°F			

COMBUSTIBLE GAS LEAK DETECTORS



Used to detect gas leaks in the following areas:

- Furnaces
- Water Heaters
- Pinpoint combustible gas leaks in storage tanks
- Gas appliances

FEATURES	720B
Sensitivity	10 ppm
Sensor Type	Low power semiconductor
Warm-up	30 Seconds
Response Time	Instantaneous
Duty Cycle	Continuous
Probe Length	16 inches
Power Supply	3 "C" Cell Batteries