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Digital Infrared Thermometer

Applications

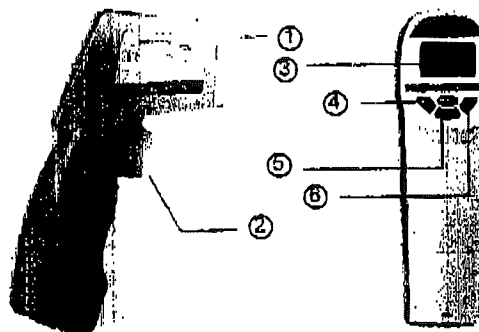
Infrared Thermometer is compact and easy to use. Just aim, press the button, and read the temperature in less than a second! You can safely measure surface temperatures of hot, hazardous, or hard-to-reach objects without having to touch them. Many household uses! Check all types of A/C and heating systems. Monitor performance of appliances such as refrigerator, dishwasher, freezer and oven. Ensure proper cooking, grilling and storage temperatures.

Features

- Compact and easy to use, just aim the target and push the button
- Large LCD screen shows readings in Fahrenheit or Celsius
- Temperature reading appears within 0.5 second and remains on screen for 5 seconds
- With a laser point to aim the target accurately
- Backlight function for using in darkness environment.
- Distance to Spot Size (D:S) is specially designed for 5:1 (measures a 1-inch area on 5-inch away)

Panel Descriptions

- ① Laser Outlet
- ② Measurer On Switch
- ③ LCD Display
- ④ °F/°C Switch
- ⑤ Laser Switch
- ⑥ Backlight Switch



Installing the battery

Your thermometer requires one 9V battery (not supplied) for power.

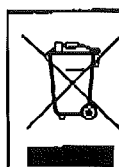
1. Push the tab on the battery compartment cover toward the top of the thermometer and lift the cover off.
2. Place the battery in the compartment with the positive terminal (+) to the left.
3. Replace the cover.

When the thermometer stops operating properly, replace the battery.

Warning: Dispose of old batteries promptly and properly.

Do not burn or bury them

Caution: If you do not plan to use the thermometer for a month or more, remove the battery. Batteries can leak chemicals that can destroy electronic parts.

ENVIRONMENTAL PROTECTION
Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.

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OPERATION

As the distance from the object increases, the spot size of the area measured by the thermometer becomes larger. For the most accurate temperature readings, the target should be about twice as large as the thermometer's spot size.

1. Press the "Measurer On Switch" on the panel of the thermometer to and aim the target (or press the "Laser Switch" to aim the target).
2. Read the surface temperature of an object.
3. Release the button. The temperature reading appears for 5 seconds.

Cautions:

- Not recommended for taking human temperature.
 - Protect the thermometer from Electro-Magnetic Interference from induction heaters and microwave ovens.
 - Keep the thermometer away from Electro Static Discharge.
 - Protect the thermometer from "thermal shock", caused by large or abrupt ambient temperature changes.
- Allow 30 minutes for the thermometer to stabilize before use when exposed to large temperature swings.
- Do not leave the thermometer on or near hot objects.

Notes:

- Shiny or polished surfaces can give inaccurate readings. To compensate for this, cover the surface with masking tape or flat-colored paint. When the tape or paint reaches the same temperature as the target underneath, measure its temperature.
- The thermometer cannot measure through transparent surfaces such as glass or plastic. It will measure the surface temperature instead.
- Steam, dust, smoke, and other optical obstructions can prevent accurate measurement. Hold the thermometer back and at an angle for an accurate measurement.

CAUTION

Keep the thermometer dry; if it gets wet, wipe it dry immediately. Use and store the thermometer only in normal temperature environments.

Handle the thermometer carefully; do not drop it. Keep the thermometer away from dust and dirt, and wipe it with a damp cloth occasionally to keep it looking new.

SPECIFICATIONS:

Temperature range:	-4 to 572°F (-20 to 300°C)
Accuracy	0°C to 180°C ±(2%+2°C) ≤0°C to -20°C ±4°C ≥180°C to 300°C ±3%
Response time	0.5 second
Operating environment	32 to 120°F (0 to 50°C) at a relative humidity of 10 - 95%
Power	6F22 9V Alkaline battery
Distance to Spot Size (D:S)	5:1
Emissivity	0.95
Weight	137g
Laser power	<1mw output at 650nm wave length (class II laser product)

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.