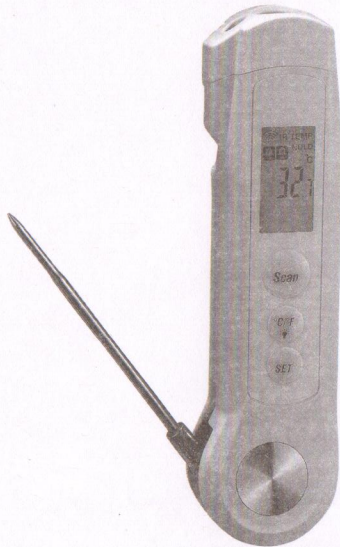


Food Safety Infrared Thermometer User Manual



1. Description

This instrument combine non-contact infrared thermometer with probe, it can measure the surface and inside temperature of object, professional in food measurement.

2. Specification

Temperature range:

Infrared: -40 to 280 °C (-40 to 536 °F)

Probe: -40 to 200 °C (-40 to 392 °F)

Accuracy:

Infrared: -40 to 20 °C (-40 to 68.0 °F): ±3 °C (5.4 °F)

21 to 280 °C (70.0 to 536 °F): ±1%±1 °C (1.8 °F)

Probe: 0-200 °C ±1%±1 °C

blow 0 °C (include 0 °C) ±2 °C

Resolution: 0.1

Repeatability Accuracy: <1 °C

Measurement Response Time: <500ms

Measure D: S : 4: 1

Waterproof Level: IP65

Spectral Response: 8~14 μm

3. Front panel description

1-IR Sensor

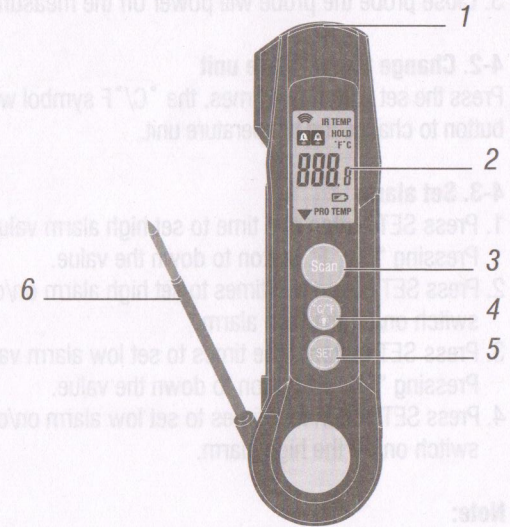
2-LCD display

3-Meas button

4-Light button

5-Set button

6-Probe



LCD description:

1-IR temperature measure icon

2-IR HOLD symbol

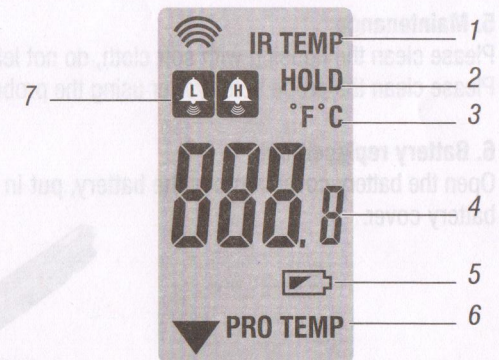
3-Temperature Unit

4-Measure Data

5-Low Battery Symbol

6-Probe Symbol

7-Hi/Low Alarm Symbol



4. Instructions

4-1. Switch on/off

IR measure

1. Press Meas button and point it toward the surface to be measured. The display will light if the battery is good. Replace the battery if the display does not light.
2. While measuring, the scan symbol will appear in the upper left hand corner of the LCD
3. Release the Meas button and the HOLD display icon will appear on the LCD indicating that the reading is being held.
4. The meter will automatically power down after approximately 7seconds after the button is released.

Probe measure

1. Put down the Probe, the LCD will display the probe temperature.
2. While measuring, the probe measure icon will appear in the down of the LCD

3. Close probe the probe will power off the measure.

4-2. Change temperature unit

Press the set button five times, the °C/°F symbol will flash, then press the “Light” button or “Meas” button to change the temperature unit.

4-3. Set alarm

1. Press SET button one time to set high alarm value, Pressing “Meas” button to up the value, Pressing “°C/°F” button to down the value.
2. Press SET button two times to set high alarm on/off, Pressing “Meas” button or “°C/°F” button to switch on/off the high alarm.
3. Press SET button three times to set low alarm value, Pressing “Meas” button to up the value, Pressing “°C/°F” button to down the value.
4. Press SET button four times to set low alarm on/off, Pressing “Meas” button or “°C/°F” button to switch on/off the high alarm.

Note:

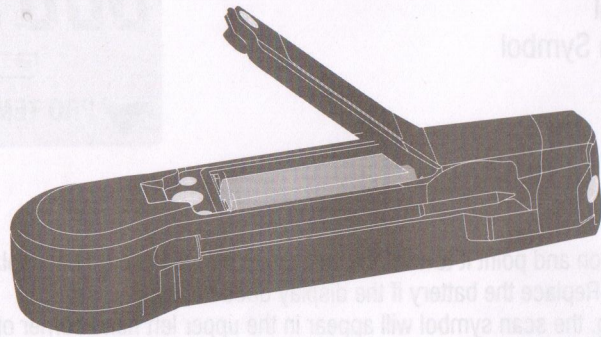
1. Instrument is IP65, probe can be cleaned, but can not make steam and smog into infrared induction region, or it will affect the accuracy.
2. Please do not take down the probe.

5. Maintenance

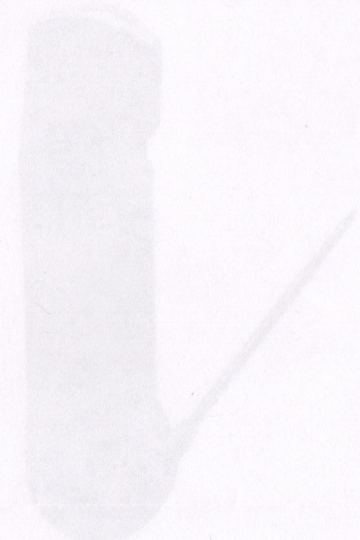
Please clean the housing with soft cloth, do not let any liquid in to infrared induction region. Please clean the probe before/after using the probe, or disinfect it with water or cleaner.

6. Battery replacement

Open the battery cover, remove the battery, put in the new 2 x “AAA” battery, and then close the battery cover.



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2. Specification	
Temperature range:	-40 to 280°C (-40 to 536°F)
Infrared:	-40 to 200°C (-40 to 382°F)
Probe:	-40 to 200°C (-40 to 382°F)
Accuracy:	-40 to 20°C (-40 to 68°F): ±0.3°C (±0.4°F)
Infrared:	21 to 280°C (70 to 536°F): ±1.0°C (1.8°F)
Probe:	0-200°C ±1.0°C
Resolution:	low 0.1°C (include 0°C) ±0.2°C
Responsibility Accuracy:	0.1
Measurement Response Time:	<1°C
Probe D:	<500ms
Probe Length:	4.1
Probe Diameter:	16.5
Probe Weight:	8-14 gm