1.Introduction

Thank you for purchasing this infrared thermometer – Econ. Version. This infrared thermometer is non-contact infrared temperature measuring instruments. Features include a 4 digits backlit LCD, scan/hold function and auto power off (6 seconds). To measure a temperature, point the unit at the object , pull the measuring trigger and hold. Make sure the target area is larger than the unit's spot size.

2.Safety Information ⚠

Read the following safety information carefully before attempting to operate or service the meter. Only qualified personnel should perform repairs or servicing not covered in this manual.

2-1 Cautions!

- DO NOT submerge the unit in water.
- This product is not designed for use in medical evaluations. The product can only be used to measure body temperature simply for reference. They are meant for industrial and scientific purposes.

Laser Warning Note!

⚠ Do not point laser directly at eye . Use catution a round reflective surfaces. Keep out of reach of children.

2-2 Safety symbols

⚠ Dangerous, refer to this manual before using the meter.

CE CE Certification.

This instrument conforms to the following standards:

EN61326:Electrical equipment for measurement, control and laboratory use.

IEC61000-4-2:Electrostatic discharge immunity test.

IEC61000-4-3:Radiated, radio-frequency,electromagnetic field immunity test.

IEC61000-4-8: Power frequency magneticfield immunity test.

Tests were conducted using a frequency range of 80-1000MHz with the instrument in three orientations. The average error for the three orientations is ±0.5℃ (±1.0℉) at 3V/m throughout the spectrum. However, between 781-1000MHz at 3V/m, the instrument may not meet its stated accuracy.

3.Maintenance

Cleaning the lens: Blow off loose particles using clean compressed air. Gently brush remaining debris away with a camel's hair brush. Carefully wipe the surface with a moist cotton swab. The swab may be moistened with water.

NOTE:

DO NOT use solvents to clean the glass lens.

Cleaning the housing:

Use soap and water on a damp sponge or soft cloth.

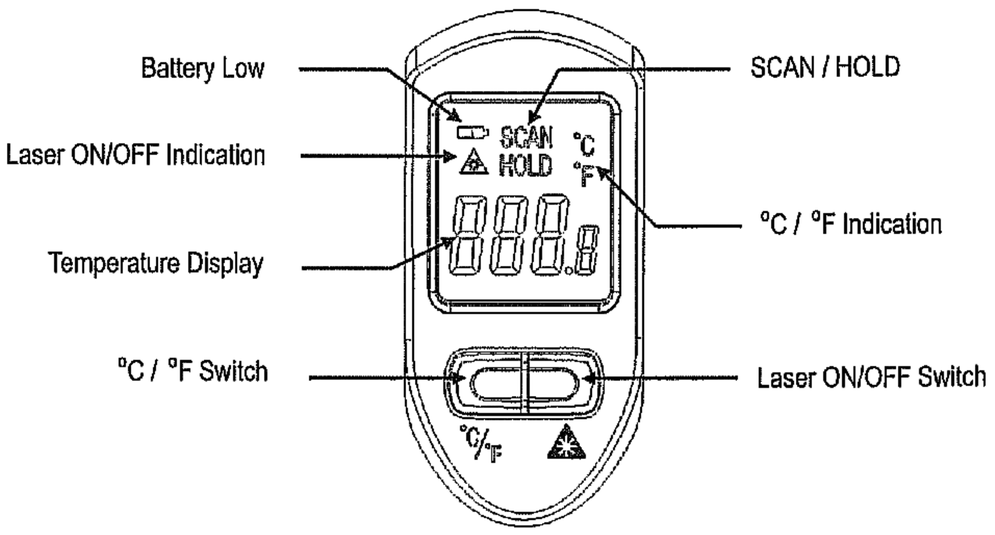
4.Specifications

Temperature Range	-20~500℃ (-4~930℉)
Accuracy	±2℃(±3℉) from -20 ~100℃ (-4 ~ 212 ℉), ±2% from 100 ~ 500℃ (212 ~930℉)
Distance/Spot Ratio	8 : 1
Thermopile	5~14 μm
Repeatability	±1℃ (±2℉)
Resolution	0.2℃ (0.2℉)
Response Time	500 ms.
Operation Temp.	0~50 ℃ (32~122 ℉), 10~90% RH
Auto Power Off	Automatically after approx. 6 sec.
Emissivity	Fixed at 0.95
Storage Temp.	-10~60℃ (14~140℉)
℃ / ℉ Switchable	YES
Backlight	YES
Laser Sight Switchable	YES
Battery Type	9V (006P, IEC6F22, NEDA1604)
Battery Life	16 hrs
Dimension	150 X 133 X 45 mm
Weight	135g Approx.
Accessory	9V Battery, Instruction manual

5.Operation of Instrument

To measure a temperature, point the unit at the target you want to measure, pull the trigger and hold. Be sure to consider the target area inside the angle of vision of this instrument. The single spot of laser is used for aiming only.

The unit is powered by 9V battery and displays temperatures in either ℃or℉. The user has to replace the battery when the battery voltage drops below the voltage for reliable operation and at the same time the low battery symbol ▭ will appear.



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