



Zi-9677



Non-Contact Infrared Thermometers

INTRODUCTION

Thank you for purchase of the IR 66B Thermometer. This device is a non-contact (infrared) thermometer. Simply aim the thermometer at the target and press the measurement button to display the surface temperature. The distance to target ratio is 1:1 therefore the thermometer should be positioned as close to the target as possible.

FEATURES

- Rapid detection function
- Precise non-contact temperature measurement
- Unique flat surface, modern housing design
- Automatic Data Hold
- Automatic Power Off
- °C/°F mode
- MAX,MIN ,LOCK modes
- Automatic range selection
- Resolution 0.1° C(0.1° F)

WIDE RANGE APPLICATION

Food preparation, Safety inspectors, Plastic molding, Asphalt, Marine and Screen printing, measure ink and Dryer temperature, HVAC/R, Diesel and Fleet maintenance.

°C or °F Mode

To change the IR66B from °C to °F or from °F to °C, firstly turn the instrument on by pressing the measurement button, then press the mode button four times, the °C or °F symbol will flash, press the measurement key to change to scale, then press the measurement button to confirm the mode.

MINIMUM or MAXIMUM Mode

To utilize the IR66B Min(minimum) or Max(maximum) mode, firstly turn the instrument on by pressing the measurement button, then press the mode button once for MAX or twice for MIN function. The 'MIN' or 'MAX' icon will flash, then press the measurement button to confirm the Min or Max mode. The IR66B will display the Min or Max reading only.

LOCK MODE

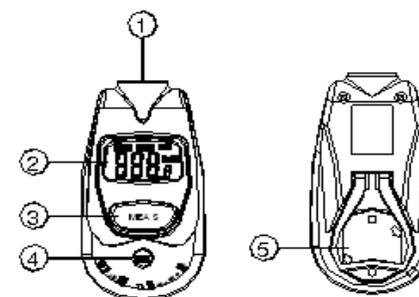
The lock mode is particularly useful for continuous monitoring of temperatures . to utilize the IR66B's LOCK mode. firstly turn the instrument on by pressing the Measurement button, then press the mode button three times for the LOCK mode

SPECIFICATION

Range	-35 to +250° C
Resolution	0.1° C or ° F
Response Time	Less than 300ms
Infrared Accuracy	-10°C ~250°C (14°F ~482°F) ±2% or ±2°C (3.6°F) -35 ~ -10°C (-31°F ~ 14°F) ±4°C (7.2°F)
Storage temp	-10 to 60°C (14 to 140°F)
Operating temp	0 to 50°C(32 to 122°F)
Relative humidity	10%~90%RH operating, <80%RH storage>
Field of View	1:1 optics ratio
Battery life	40 hours continuous use (power off after 15 seconds)

FRONT PANEL DESCRIPTION

- ① IR sensor
- ② LCD Display
- ③ Measurement button
- ④ mode button
- ⑤ Battery Cover



BATTERY REPLACEMENT

As battery power is not sufficient, LCD will display  replacement with CR2032. The battery is located under the twist cover at the rear of the IR66B. Open battery cover, then take out the battery from instrument and replace with a new CR2032 battery and place the battery cover back.

Please note:It is important to turn the instrument off before replacing the battery otherwise the IR66B may malfunction.

function. The LOCK icon will flash, then press the measurement button to confirm the LOCK measurement mode. The IR66B will continuously display the temperature.

Note: Avoid keeping the thermometer too close for long periods to objects that continuously generate high (like a hot plate), which can cause overheating of the Thermometer.

MAINTENANCE & CLEARING

The sensor lens is the most delicate part of the IR66B . The lens should be kept clean at all times, care should be taken when cleaning the lens using only a soft cloth or cotton swab with water or medical alcohol, Don't use abrasives or solvents on this instrument. Allowing the lens to fully dry before using the IR66B, Don't submerge any part of the IR66B .The IR66B should be stored at room temperature.

When serving, use only specified replacement parts.

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