

ELECTRONIC THERMOMETER WITH STAINLESS STEEL PROBE FOR HIGH TEMPERATURE SENSING

Instruction Manual

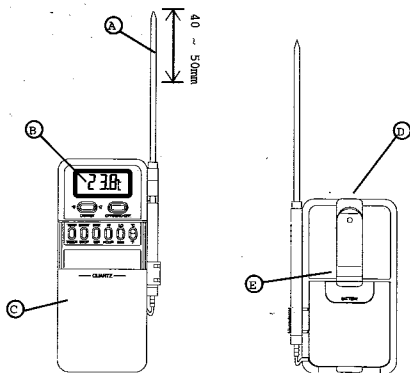


FIG. 1

ENGLISH

Introduction

- Thank you for your purchase of this Thermometer.
- Your Thermometer is an example of superior design and craftsmanship.
- In order to optimize its function, be sure to read this instruction manual carefully before use.
- Keep this instruction handy for future reference.

Features

- Electronic Thermometer with metal probe for wide-range temperature measurement
- Memory function to recall and display the previous maximum and minimum readings of temperature.
- User selectable °C or °F temperature units of measure.
- User selectable normal or faster sampling cycle
- Wall mounting and table standing feature

Description of Parts

- METAL PROBE - EFFECTIVE MEASURING AREA. (40 ~ 50mm from the tip)
- LCD DISPLAY
- COVER
- CLIP
- BATTERY COMPARTMENT & SENSOR CORD COMPARTMENT

[SEE FIG. 1]

Installing and Replacing of Battery

The Thermometer uses one piece UM-4 or 'AAA' size battery (1.5V D.C.). Follow these steps to install or replace the battery

1. Flip out the battery door.
2. Insert the battery as indicated by the polarity symbols (+ and -) marked inside the battery compartment.
3. Replace the battery door.

Keys Operation

1. Press the [ON / FAST] button once to turn on the thermometer, Press and hold the [ON / FAST] button to activate the fast sampling cycle while the thermometer is on.
2. Press the [OFF/AUTO OFF] button once to activate the AUTO OFF mode (the ' AUTO ' indicator displayed), if no key pressed for about 6 to 7 minutes, the thermometer display will turn off automatically. Press the [OFF/AUTO OFF] button once again in the AUTO OFF mode, the thermometer display will turn off immediately.
3. Press the [MAX / MIN] button once to recall the MAX temperature mode (' MAX ' indicator displayed), press the [MAX / MIN] button once again to recall the MIN temperature mode (' MIN ' indicator displayed).
4. Press the [TEMP / TIMER] button to select between Temperature mode and Timer mode.
5. In Timer mode, by pressing the [START / STOP] button to start or stop the timer.
6. In temperature mode, by pressing the [HI] or [LO] button once to display / set the temperature alarm limit.

How to Recall the Maximum and Minimum Temperature Memory

The thermometer will automatically record the maximum and minimum temperature. You can recall those readings in following sequences:

Function	Display	Thing done	Display
Recall the Maximum temperature	22.3 (Current temperature)	Press [MAX-MIN] button once	28.8 MAX (Maximum temperature)
Recall the Minimum temperature	28.8 MAX (Maximum temperature)	Press [MAX-MIN] button once again	18.8 MIN (Minimum temperature)
Return to current temperature	18.8 MIN (Minimum temperature)	Press [MAX-MIN] button once again	22.3 (Current temperature)

How to Reset the Maximum and Minimum Temperature Memory

You can reset the maximum and minimum readings by following sequences:

Function	Display	Thing done	Display
Reset the Maximum temperature memory	28.8 MAX (Maximum temperature)	Press and hold the [ON / FAST] button for about 1 second.	22.3 MAX (The current temperature will become the maximum memory)
Reset the Minimum temperature memory	18.8 MIN (Minimum temperature)	Press and hold the [ON / FAST] button for about 1 second.	22.3 MIN (The current temperature will become the minimum memory)

Note:

- You may like to clear the memory occasionally, so you can record the Maximum / Minimum during a specified period.
- Resetting a memory will result in the current temperature being displayed in the Maximum or Minimum memory display.

About the Temperature Alarm

The thermometer can be programmed to individual temperature limit for high and low temperature alarm, and the setting range is from -50°C to 260°C (-58°F to 500°F).

Whenever the HI / LO temperature alarm is set to ON, ' HI ' / ' LO ' indicator displayed.

When the measured temperature is higher / lower than or equal to the programmed limit, the alarm is triggered, an alarm beeping tone will generate for 1 minute and the corresponding ' HI ' / ' LO ' indicator start flashing.

When the alarm is beeping, press any key to stop the beeping tone.

How to Set the Temperature Alarm

To set the high temperature alarm limit - In temperature mode, by pressing the [HI] button to increase 1° steps (' HI ' indicator displayed) until the desired high temperature alarm limit is displayed.

To set the low temperature alarm limit - In temperature mode, by pressing the [LO] button to increase 1° steps (' LO ' indicator displayed) until the desired low temperature alarm limit is displayed.

Note:

- The selecting range is from -50°C to +260°C (-58°F to +500°F).
- Press and hold the [LO] or [HI] button to give fast advance in 10° step.
- Press the [] to select between deactivate (' ---- ' will displayed) and activate (the temperature alarm reading displayed) the alarm.
- Set the temperature alarm once again, after any change to the temperature unit of measure.

About the Count Down Timer

The thermometer has a count down timer function, press the [TEMP / TIMER] button to select between Timer and Thermometer functions. Whenever the Timer mode is selected, the ' TIMER ' indicator displayed.

The timer can be programmed up to 99 hour 59 minutes, by pressing the [HOUR] and [MIN] buttons or press and hold the [] button to reset the timer to 00 hour 00 minute.

Press [START / STOP] button to start or stop the timer.

When the timer is count down to 00 hour 00 minute, the alarm is triggered, an alarm beeping tone will generate for 1 minute and the corresponding ' TIMER ' indicator start flashing.

When the alarm is beeping, press any key to stop the beeping tone.

Selecting the Temperature Units of Measure

The switch on the front of the thermometer selects between degrees Celsius and Fahrenheit. To select Celsius units, set the switch to °C. To select Fahrenheit units, set the switch to °F.

Low Battery Signal Indication

If the voltage of the battery becomes low, the ' BATT ' indicator will be displayed. Please replace the battery when the ' BATT ' indicator is display.

Specifications

Operating temperature (unit)	: 0°C to 50°C (32°F to 122°F)
Temperature measuring range (probe)	: -50°C to 260°C (-58°F to 500°F)
Temperature display resolution	: Min 0.1°C to Max 0.5°C (Min 0.2°F to Max 1°F)
Temperature sampling cycle (Normal)	: 10 seconds
(Fast)	: 2 seconds
Metal probe length	: 3.5mm x 120 mm
Power Source	: UM4 ' AAA ' size battery (1.5 V)

CAUTION

- The content of this manual is subjected to change without further notice.
- Due to printing limitation, the displays shown in this manual may differ from the actual displays.
- The manufacturer and its suppliers hold no responsibility to you or any other person for any damages expenses, lost profits, or any other damages that arise by using this Thermometer.
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