OPERATION MANUAL FOR THERMOMETER



Many thanks for choosing this Thermometer. please read this manual completely before usage.

1. OVERVIEW

As a kind of Thermometer with wide applications, this meter is characterized at:

- 1-1. Large LCD display for easy reading.
- 1-2. Fast response and high accuracy.
- 1-3. Wide temperature testing range.
- 1-4. With inside Temp, sensor for environment Temp, indication.
- 1-5. Auto of manual power-off after 10 minutes no operation.
- 1-6. With data-hold function key.
- 1-7. With $^{\circ}$ C/ $^{\circ}$ F unit select key.

2. SPECIFICATION

- 2-1. 3 1/2 LCD display Character height: 13.5mm.
- 2-2. Sampling time: 3 times/second.
- 2-3.Range/Resolution/Accuracy.

Range	Resolution	Accuracy
-40~0°C	1℃	\pm 0.3%rdg +4 $^{\circ}$ C
0~100℃		\pm 0.3%rdg +3 $^{\circ}$ C
100~600℃		\pm 0.6%rdg +10 $^{\circ}\mathrm{C}$
600~1370°C		\pm 0.6%rdg +13 $^{\circ}\mathrm{C}$
-40~0°F	1°F	\pm 0.3%rdg +6 $^{\circ}\mathrm{F}$
0~212°F		\pm 0.3%rdg +3 $^{\circ}\mathrm{F}$
212~1112 °F		\pm 0.6%rdg +10 $^{\circ}\mathrm{F}$
1112~2498°F		\pm 0.6%rdg +13 $^{\circ}\mathrm{F}$

- 2-4.Power-supply:9V(6F22) \times 1.
- 2-5.Product Size: 126mm \times 68mm \times 32mm.
- 2-6.Weight:98g(no battery included).
- 2-7. Working condition:0 $^{\circ}$ 50 $^{\circ}$ C,0 $^{\circ}$ 90%.
- 2-8.Storage: -10~50°C,0~95%

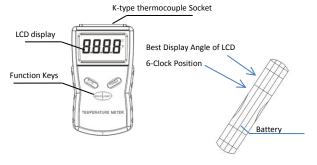
3. ACCESSORIES

Include:

- 1). K-type thermocouple \times 1.
- 2). Manual \times 1.
- 3). 9V Battery(6F22) \times 1.

4. OPERATION

4-1. User Interface



- 4-2. Symbol illustration:
 - 1). POWER : Power key
 - 2). HOLD: Date Hold key.
 - 3). $^{\circ}$ C/ $^{\circ}$ F: Thermometer Unit Exchange key
 - 4). LIGHT: Backlight key
 - 5). ℃: Celsius Measurement Symbol.
 - 6). F: Fahrenheit Measurement Symbol.
 - 7). HOLD: data Hold Symbol.
 - 8). Low Power Symbol.

5. Basic operation

- 5-1. After install 9V battery properly, press POW key, the meter rightly, and it is ready for testing in 2 seconds (the initial indicating is temperature).
- 5-2. Before testing, please replace the battery at once if LCD shows the symbol , sometimes, the meter can not be powered on when the battery capacity is too low, in that circumstance, please replace battery and power on the meter again.
- 5-3. when the meter is powered on, it will show temperature of environment first, in order to get accurate temperature value, please put the meter there for at least 5 minutes after the meter is powered on.
- 5-4. Plug the thermocouple into the socket on the top, then the meter starts to testing the temperature around the thermocouple sensor tip, and you can read the temperature value from LCD. In order to get accurate temperature value, please put the meter there for at least 5 minutes .
- 5-5. During testing temperature, if unit $^{\circ}F$ wanted, just push $^{\circ}C/^{\circ}F$ key, the unit will be changed after one time beep. Push key $^{\circ}C/^{\circ}F$ again, the unit will be changed to $^{\circ}C$.
- 5-6. During testing, if user wants to keep the testing value in LCD for long time to analyzing or recording, just push the HOLD key, the value will be locked on LCD.
 - 5-7. This meter has auto power-off function (after 10 minutes no operation), touched the, the auto power-off time will be calculated renewedly.

6. NOTICE & MAINTENANCE

- 6-1. This meter is accurate instrument, in order to guarantee stale performance and long life of it, please do not use it under foul circumstances, and never change or adjust the inside circuits or components.
- 6-2. Please take out the batter if the meter is not used for long time.
- 6-3. Please replace the battery in time after the symbol \square occurs on LCD.

Above picture and content just for your reference. Please be subject to the actual products if anything different or updated. Please pardon for not informing in advance.