Please read the following notice carefully before using, install and operate the meter correctly.

1 Precautions

1. Please use the product accordance with the user guide strictly.
2. Please do not dismantle the product by yourself.
3. Due to the waterproof design of the product, it can be used in the rain, but can not be put into in deep water.
4. When the product is in the intense vibration or strong impact, it will cause a failure.
5. The product must be used within the specified range of voltage.
6. The backlight function will need more battery level, battery life is limited. When the battery level is low, please replace the battery as soon as possible. The battery item is CR2032.

2 Installation

1. How to install the battery.

【Notice】: The original data will be retained after replace battery.

1. Open the battery cover
2. Place the battery
   - Please use a coin to rotate the battery cover which has "open" word, and will open the battery cover.
3. Close the battery cover
   - Please use a coin to rotate the battery cover which has "CLOSE" word, and will close the battery cover.

2. How to install the product.

1. Put the rough surface of magic tape on the back of the thermometer
2. Put the needle surface of magic tape on the device
3. Connect the product wire and temperature sensor as below picture

4. Put the end of the sensor into the products which to be tested.

3. Check the correctness of the product installation.

Access to the sensor, if temperature data is displayed, which means the product was installed correctly.

3 product application

1. View the working data.

When the product is in the state with backlight, short press the MENU button, you can view "over temperature reminded value, the maximum tested temperature value, temperature unit, sensor type and instant temperature value" in turn.

【Notice】: When the product is working without backlight, short or long press any button to make the product in the backlight.

2. Set the temperature reminder value.

1. In the temperature Reminder Value interface, long press the MENU button more than 2 seconds, then enter into the temperature reminder value setting interface, the default value is "100 °C".
2. In the temperature reminder value setting interface, long or short press SET button to add the setting value, long or short press MENU button to reduce the setting value. The setting value range is from -20 °C to +300 °C (-4 °F - +572 °F).
6. Battery level display.

Battery level is displayed as below:

When the battery voltage is empty, it will flash to remind you to change the battery.

4. Set the temperature unit.

In view of the temperature unit interface, long press the MENU button more than 2 seconds, then enter into the temperature unit setting interface, the temperature unit symbol will flash. The default of temperature unit is "°C".

After entering the setting interface, short press the SET button or MENU button to select the temperature unit (°C or °F).

After setting, long press the MENU button and SET button together more than 2 seconds, then confirm and exit the setting interface.

【Notice】: After switching the temperature unit, the original temperature reminder value will have a small changes.

5. Sensor type selection.

In view of the sensor type interface, long press the MENU button more than 2 seconds, then enter into the sensor type selection interface, the current sensor type is flashing. The default of the sensor type is NTC.

After entering the setting interface, short press the SET button or MENU button to select the sensor type (NTC or PT100).

After setting, long press the MENU button and SET button together more than 2 seconds, then confirm and exit the setting interface.

4 Product parts list

Specification-----1  magic tape-----1  zip tie-----2  temperature sensor(NTC)-----2( two kinds)  Ring terminal end

5 Product Technical Parameters

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<th>Display mode</th>
<th>Display window size</th>
<th>Product weight</th>
<th>Product size</th>
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<tr>
<td>PT100</td>
<td>22mm×44mm LCD</td>
<td>visible</td>
<td>84g</td>
<td>CR2032 210mAh</td>
</tr>
<tr>
<td>NTC temperature range</td>
<td>18mm×42mm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NTC temperature range</td>
<td>60cm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Temperature range</td>
<td>67mm×35mm×17mm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Temperature range</td>
<td>1. Degree wrong.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Temperature range</td>
<td>2. Lack of battery.</td>
<td></td>
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6 Troubleshooting

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<td>1. Sensor is not installed in the right way. 2. Sensor is damaged.</td>
<td>1. Reinstall the sensor. 2. Change the new sensor.</td>
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<td>Display no change</td>
<td>Disturbed crash.</td>
<td>Install the batteries again.</td>
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<td>1. Adjust angle. 2. Replace battery.</td>
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