

Instruction for Use of Thermometer and Hygrometer

1. Summary

The temperature and humidity indicator series produced by our company widely applies in office, laboratory, computer room, sauna, archive office, library, museum, hospital, warehouse, workshop, store, plant nursery and family house. According to the measurement result, people can adjust environmental temperature and humidity to prevent from molding and spoiling, to guarantee the instrument working in the normal condition, to remind you to pay attention to the clothing, to guide you to maintain the comfortable living conditions, to play a vital role for protecting the human body health. The high quality raw material is used for the sensors of this series and they are made with extra care by the imported technology. After being improved several times and renewing the examination method unceasingly, the product quality obtains the stable enhancement. The main features of our products are up to the international standard. Comparing to the psychrometer and hair hygrometer, this kind of indicator has a lot of advantages: simple structure, reliable performance, easily-read display and free of maintenance for a long-term use. We can supply various types of thermometers and hygrometers for a clock and watch factory or an art & craft gifts factory to manufacture complete sets of products. The products of our company had been sold in domestic and foreign markets and obtained high praise from our customers. Thank you for your trust and support to our company.

2. Technical Specification

1) Environment of Use

| | |
|------------------|--------------|
| Indicating Name | Scope of Use |
| Temperature (°C) | -20~50 |
| Humidity (%RH) | 20~90 |

2) Precision Classes

| Indicating Name | Indicating Scope | Tolerance |
|------------------|------------------|-----------|
| Temperature (°C) | -20~50 | ±2 |
| Humidity (%RH) | 20~90 | ±9 |

* The smallest measuring value can not be lower than the smallest scale division of the product.

3. Warnings:

- 1) The product should be used within the range of measuring value; otherwise the irremediable defect will be caused for the sensor.
- 2) Keep away from steam or water directly and do not breathe upon the product by mouth, otherwise the sensor will be dewed to cause the indicating value drifting.
- 3) Keep away from cold or heat source; avoid shocking chilling and shocking heating. The product should be put in a natural ventilating place. The indicating value will be more accurate if the environmental temperature and humidity are kept in a relative

equilibrium situation.

- 4) Keep the use environment clean and less dusty, do not use them in a seriously polluted area where is full of corroding and volatile gas.
- 5) The product had been tested up to standard before leaving the factory. Avoid vibrating and hitting the product fiercely, do not disassemble and adjust voluntarily. The product should be examined and calibrated regularly by the specialist.
- 6) The indicator hands should be moved less than $\pm 30^{\circ}\text{C}$ if the customer needs to re-process the indicator.
- 7) The product can be hung on the wall or placed on the table.

4. Transportation

The well-packed thermometer and hygrometer can be carried by a normal transportation, keep from wetness upon the product during the transportation.

5. Storage

The thermometer and hygrometer should be stored in a room that temperature range is between $- 10 \sim 40^{\circ}\text{C}$, and the relative humidity is not more than 80%. Keep away from the volatile gas in the room.