



Operation manual for HUAMTR Large Screen Thermometer/Hygrometer



Products Introduction

HUAMTR Series Large Screen Thermometer/Hygrometer, which has high precision and recording functions. Adopt imported temperature humidity integrated sensor, fast response and good quality to assure the accuracy and stability.

1. Features:

- Fashionable and simple performance, firm structure, high accuracy.
- Adopt the bright LED digital tube display, clear display, visible distance is 5~50meters.
- Temperature humidity calibration function, when the temperature and humidity measurement errors, use this function to calibrate.
- Recording capacity: \geq 43000, RS232-USB interface.

2. Applications:

It has been widely applied in offices, hotel, canteens, school, factory, supermarket, warehousing, hospital, and indoor environment etc.

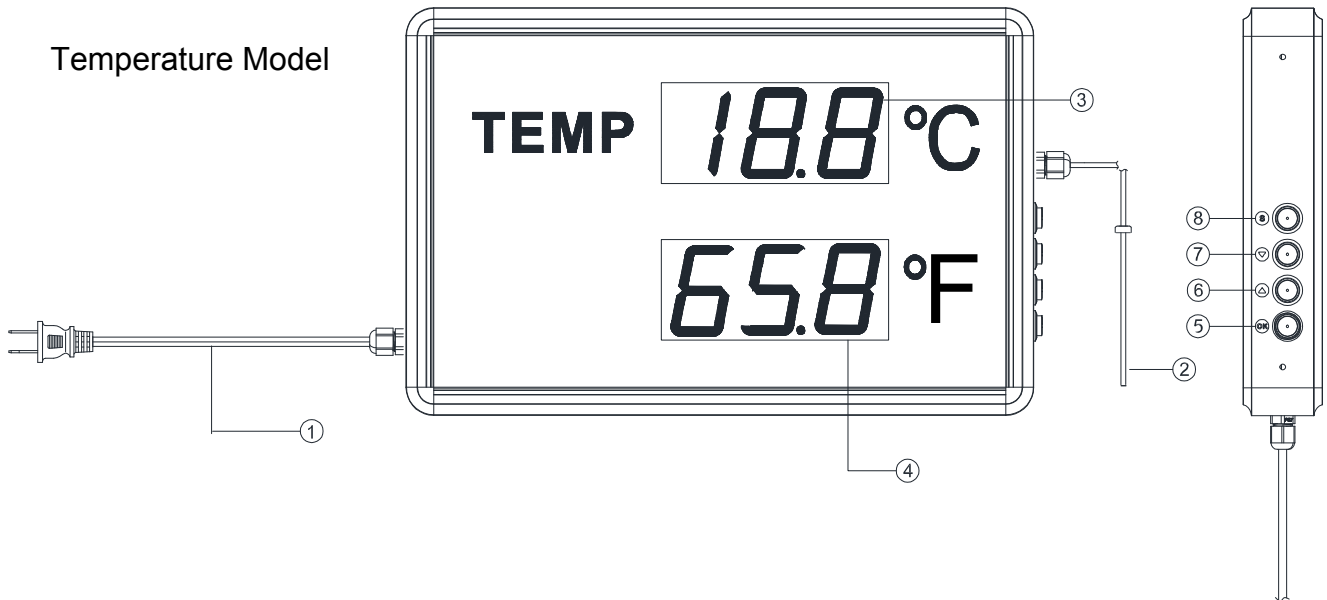
3. Performance parameters:

| Model | HUAMTR001P01 | HUAMTR002P01 |
|-----------------------|---|---|
| Temperature accuracy | $\pm 0.5^{\circ}\text{C}$ / $\pm 1^{\circ}\text{F}$ | $\pm 0.5^{\circ}\text{C}$ / $\pm 1^{\circ}\text{F}$ |
| Humidity accuracy | $\pm 3\% \text{RH}$ | N/A |
| Sensor type | External cable length 3m | External cable length 3m |
| Measuring range | $-40 \sim 85^{\circ}\text{C}$ | $-99 \sim 400^{\circ}\text{C}$ |
| Measuring range | 0~99%RH | N/A |
| Height of display(IN) | 3" | 3" |
| Distance (FT) | 65 | 65 |
| N.W(LB) | 5 | 5 |
| Product dimension(IN) | 15×9.5×1.75 | 15×9.5×1.75 |
| Packing dimension(IN) | 17×11×4 | 17×11×4 |

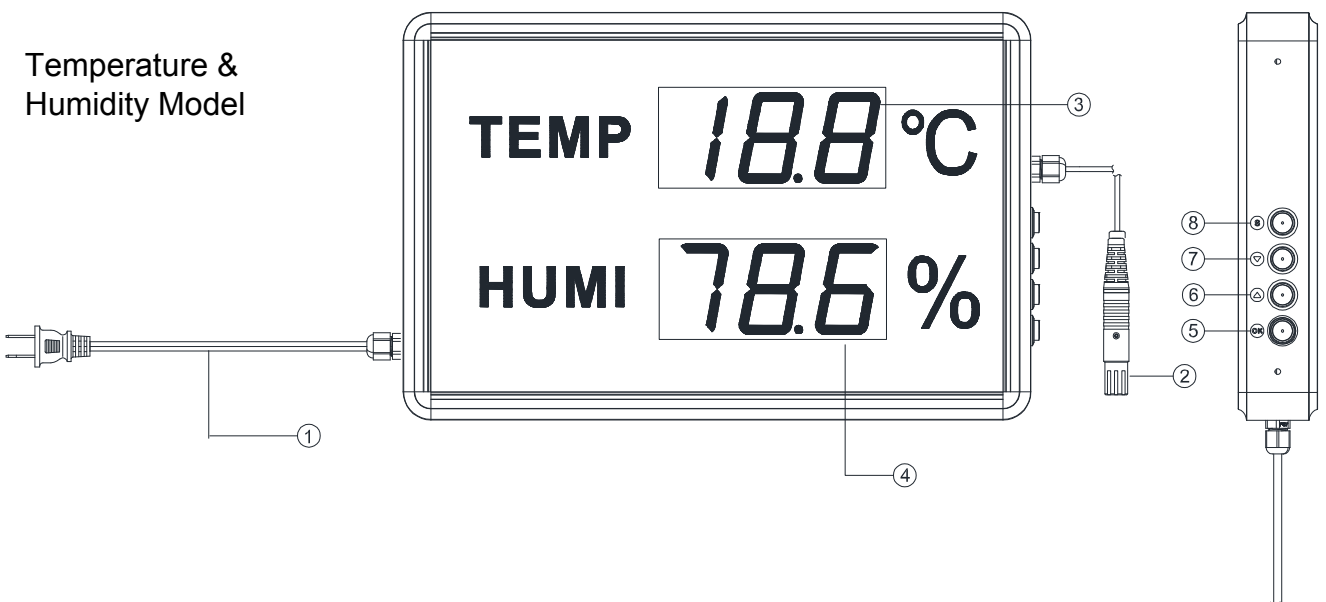
4. Starter:

Keys and components

Temperature Model



Temperature & Humidity Model



- ① power and plug
- ② External sensor
- ③ Temperature display area
- ④ Humidity display area
- ⑤ OK button
- ⑥ upward button
- ⑦ downward button
- ⑧ MENU button

5. Key usage:



Key function

Normal mode: press enter setup mode ,press enter temperature setting, press or button respectively to adjust the value.



Key function

Normal mode: press this key is invalid.

Setting mode: set a negative value.



Key function

Normal mode: press this key is invalid.

Setting mode: set a positive value.



Key function

Normal mode: press this key is invalid.

Setting mode: Confirm button and enter the next step.

For example: Standard temperature is 16 °C, humidity is 66%RH, and the measuring temperature is 15.3 °C, humidity is 66.8%RH. Then difference of temperature is -0.7 °C, difference of humidity is +0.8%RH.

Setting Steps: first, press enter setup mode, and then press enter temperature deviation setting state; press to adjust the temperature is -0.7 °C, press enter humidity settings, and press to adjust the humidity value is +0.8%RH, then press back to normal mode.

(REV 2.0)