

Introduction

Thank you for purchasing A2000 series digital alarm-hygrometer. This product is featured monitoring environment temperature and humidity and alarm when the value exceeds the setting limits. We believe these products can satisfy your requirements perfectly.

1. Product Features

- Fahrenheit and Celsius are available.
- Large LCD display temperature, humidity, data and time as well as date simultaneously.
- Elegant appearance design, desktop and wall-mounted are available.
- Built-in audible and visual alarm and limit alarm.

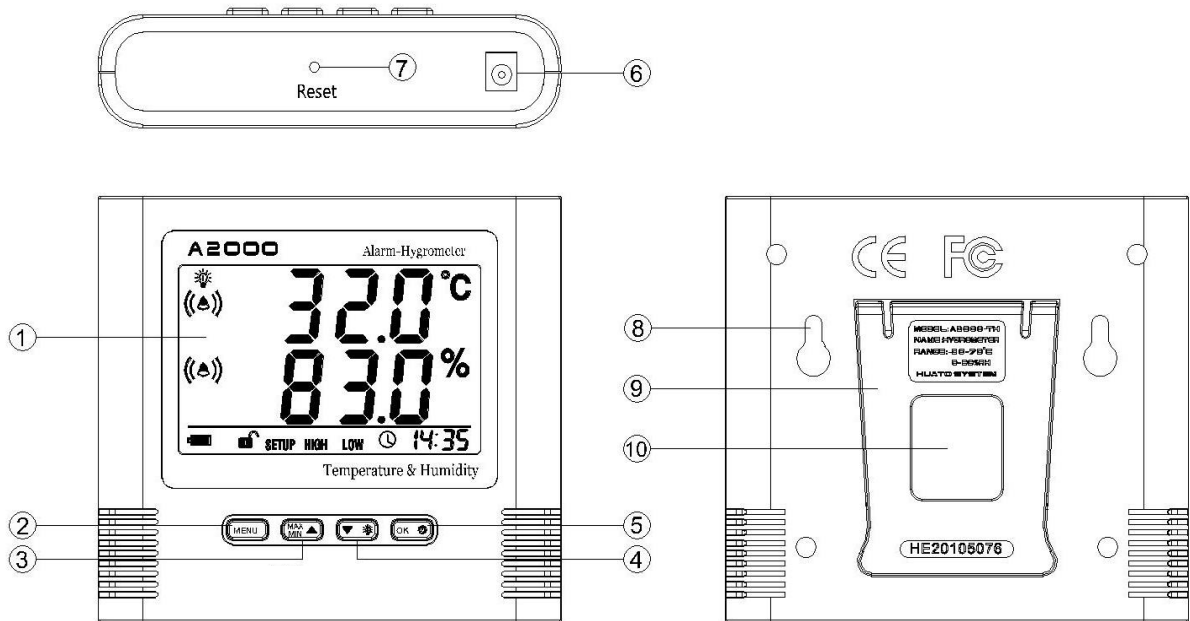
2. Applications

It has been widely applied in medical field, warehouse, office, lab and agricultural industry etc.

3. Technical Specifications

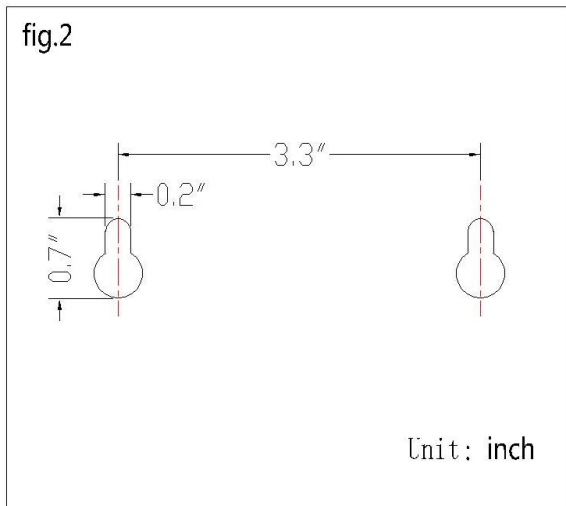
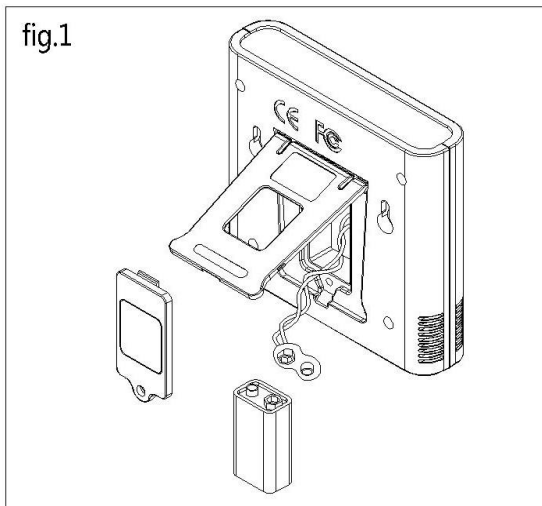
Model	A2000-TH	A2000-EX	A2000-ET	A2000-DT	A2000-TB	A2000-EB	A2000-TS	A2000-ES
Temperature accuracy	±0.5℃	±0.5℃	±0.5℃	±0.5℃	±0.3℃	±0.3℃	±0.2℃	±0.2℃
Humidity accuracy	±5%RH	±5%RH	/	/	±3%RH	±3%RH	±2%RH	±2%RH
Sensor type	Internal	External	External	External	Internal	External	Internal	External
Temperature measuring range	-20~70℃	-40~85℃	-40~85℃	-40~85℃	-20~70℃	-40~85℃	-20~70℃	-40~85℃
Humidity measuring range	0~100%RH		/		0~100%RH			

4. Brief introduction for A2000 structure

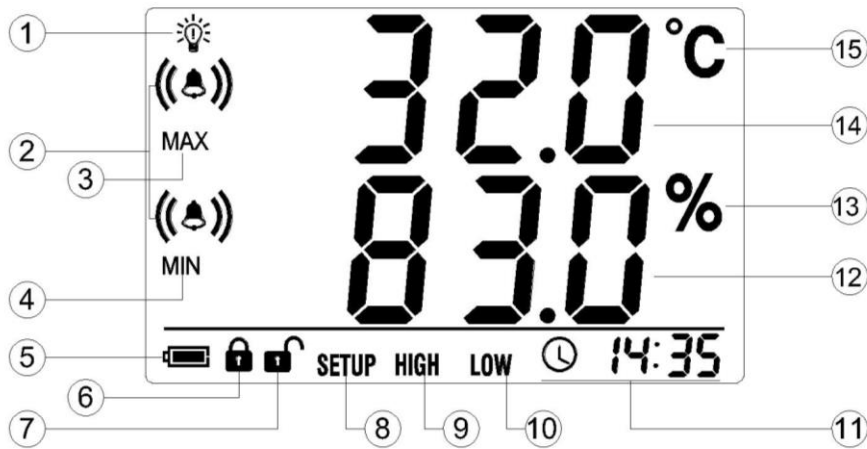


- ① LCD display
- ② Menu
- ③ Max/Min
- ④ Backlight button
- ⑤ ON/OFF
- ⑥ DC 12V
- ⑦ Reset
- ⑧ Hanger
- ⑨ Holder
- ⑩ Battery cover

5. Install battery and mounting dimension





6. LCD symbols instructions





- 1 Backlight (optional)
- 2 Alarm when the value exceeds the setting limits.
- 3 Press MAX and display the maximum value.
- 4 Press MIN and display the minimum value, press again and them show the current value.
- 5 Indicates full power when symbol is black, exchange battery is necessary when it is white.
- 6 Lock
- 7 Unlock
- 8 Indicate the setup situation.
- 9 Indicate the high limit setup.
- 10 Indicate the low limit setup.
- 11 The current time.
- 12 Humidity value display.
- 13 Humidity symbol.
- 14 Temperature value display.
- 15 Temperature symbol.



7. Buttons Instructions






 : Setup key, press this key, the hygrometer enters into setting status and customers can set temperature and humidity high and low limits, alarm function, clock as well as re-calibration setup.

 : Multifunction key, press to add the value during setting status and displayed on LCD, add 1 every press. Being the maximum button during the normal working status.

 : Multifunctional key, press to decrease the value during setting status and displayed on LCD, decrease 1 every press. Being the minimum button during the normal working status.

 : Multifunctional key, OK key during the setting status and can enter the next setting menu (high and low limit setting, re-calibration setting, alarm setting and clock setting one by one). ON/OFF key during normal working status.

  : Press these two keys simultaneously can **lock and unlock** the hygrometer. Keys are unavailable during locking status.

For example: If you want to set temperature high limit, press , enter the setting status, press , enter the high limit setting status, then press   to add or decrease the temperature value, press  when temperature setting is complete and will enter the next setting status. (High and low limits setup→Alarm function setup→Clock setup→Re-calibration setup.)

If you have any question or would like advice on how best to use the Thermo-hygrometer for a particular application, please feel free to contact us.