

Humidity & Temperature Meter Instruction Manual



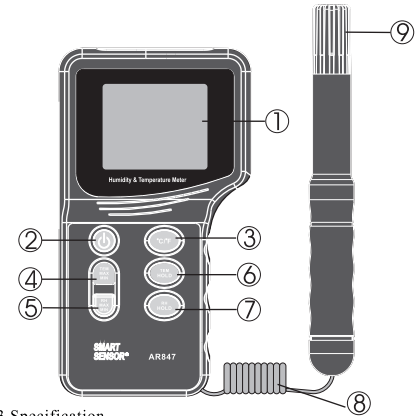
Please read this manual carefully before using this unit. That manual will guide you how to use this premium quality and accurate meter distinctly. Humidity & temperature meter are widely apply on lab, warehouse, air conditioning system and quality control etc.

1. Features

- (1) Large LCD dual display
- (2) Humidity & temperature measuring
- (3) Humidity & temperature Max / Min measuring
- (4) Data hold
- (5) °C/°F selectable
- (6) Low battery indication
- (7) Auto power off
- (8) LCD back light
- (9) K-type thermocouple temperature measuring

2. Operations

- (1) Open battery door, install 9V battery correctly. Press ON/OFF button to turn on for measuring.
- (2) °C/°F selection: Press °C/°F button for celsius or fahrenheit temperature measuring unit.
- (3) Temperature Max / Min measurement: Press T MAX MIN button to obtain maximum temperature value. Press T MAX MIN button again, LCD will display minimum temperature value and lock the data.
- (4) Humidity Max / Min measurement: Press RH MAX MIN button to measuring maximum temperature value. Press RH MAX MIN button again, LCD will display minimum temperature value and lock the data.
- (5) Data hold: While in normal measuring status, the display of temperature reading can be hold at any time by pressing the T HOLD button, press T HOLD again to exit the mode. On humidity hold reading same as by RH HOLD.
- (6) K-type thermometer measurement: Connect the k-type probe to the meter, LCD will display TYPE K indicates wide range temperature measuring mode. When unplug the k-type probe, the unit back to normal measure mode.
- (7) LCD back light: Press °C/°F more than 2 seconds will turn on / turn off the light.
- (8) ON / OFF: Automatic power off after 10 mins without any operation. Press ON / OFF to turn off the meter.



3. Specification

- Temperature range: -10°C to 50°C
K-type range: -20°C to 1000°C
Relative humidity range: 5.0%RH to 98%RH
Accuracy:
Temperature: $\pm 1^\circ\text{C}$ ($\pm 1.8^\circ\text{F}$)
K-TYPE: $\pm 3\%$ or $\pm 2^\circ\text{C}$
Relative humidity: $\pm 3.5\%$ RH
Resolution:
Temperature: 0.1°C/0.1°F; K-TYPE: 1°C
Relative humidity: 0.1% RH
Sampling rate: 2.5 times/sec
Power supply: 9V battery
Operating conditions: -10°C to 50°C (32°F to 122°F)
≤80%RH non-condensing
Storage conditions: -10°C to 50°C (32°F to 122°F)
0%RH to 90%RH

4. Diagram descriptions

- (1) LCD
- (2) ON/OFF button
- (3) Temperature switch and LED on/off button
- (4) Temperature maximum / minimum measuring button
- (5) Humidity maximum / minimum measuring button
- (6) Temperature data hold button
- (7) Humidity data hold button
- (8) Connection leadwire
- (9) Humidity & temperature sensor