SMART SENSOR®

Model:AS837

Humidity & Temperature Meter Instruction manual

Please read this manual carefully before using Temperature & humidity meter. The instruction will show you how to use this premium quality and accurate meter distinctly. Temperature & humidity meter widely apply on laboratory, warehouse, air conditioning system and quality control etc.

A Featrues

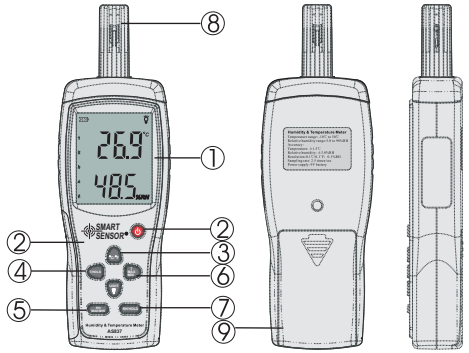
(1) Large LCD dual display
(2) Humidity & temperature measuring
(3) Humidity & temperature Max / Min measuring
(4) Data hold
(5) ℃/℉ selectable
(6) Low battery indication
(7) No operation15 minute auto power off
(8) External DC 9V power

B Operation

1) Open battery door and install 9V battery properly. Press ON/OFF button to turn on unit for measuring
2) Celsius / Frahrenheit selectable: Press ℃/℉ button for temperature reading in celsius or Fahrenheit. (Celsius defaulted)
3) Temperature & humidity Max/Min functions: Press Max/Min button, LCD display temperature maximum reading, press button again will display humidity maximum reading. Continue to press Max/Min will entre to display temperature / humidity minimum readings, operation as above.
4) Data hold: While in normal measuring status, the temperatue & humidity readings can be held at any time by pressing HOLD.
5) When ▭ shows, please replace the battery to prevent imprecision measurement.
6) Default 15 minute auto power off. Long press key Max/Min to 3 seconds, LCD display ON /OFF, cancel this function

C Specification:

Temperature range: -10℃ to 50℃
Relative humidity range:5.0%RH to 98%RH
Accuracy:



Temperature: ±1.5℃
Relative humidity: ±3.0%RH(in25℃, 40to80%RH)
±5%RH(in25℃, 10to40%RH , 80to95%RH)
Resolution:0.1℃/0.1° F; 0.1%RH
Sampling rate: 2.5 times/sec
Power supply: 9V battery
Operating condictions:
-10℃ to 50℃(32° F to 122° F)
≤80%RH non-condensing
Storage condictions: -10℃ to 50℃(32° F to 122° F)
0%RH to 90%RH

D Diagram desriptions

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) Humidity & temperatre sensor
9) Battery door

IntelliSafe CE