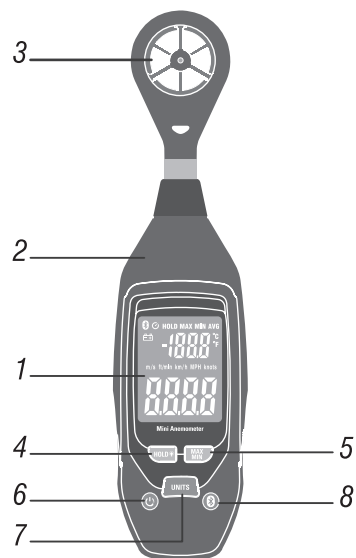


## 1. Introduction

The Thermo-Anemometer measures Air velocity and temperature. Careful use of this meter will provide years of reliable service.

## 2. Meter Description

- 1-LCD Display
- 2-Body of meter
- 3-Fan
- 4-HOLD/☀️ button
- 5-MAX/MIN button
- 6-Power on/off button
- 7-UNITS button
- 8-Bluetooth button



## 3. Button Description

### Power on/off, Auto-power off:

**Power on:** Short press button “⏻” to power on, system default auto power off. Long press to power on and disable auto power off function. Long press the button again to enable the auto power off function

**Power off:** Short press button “⏻” to power off.

**Auto-power off :** Auto-power off signal “🔌” displays in the left corner of LCD and the instrument will auto-power off in 10minutes of no button operations.

If press the power on/off button for over 1minutes, it will be recognized as faulty operation and the instrument will auto power off.

**UNITS button:** Short press to switch airvelocity unit; Long press to switch temperature unit.

**📶 button:** Long press to active or deactive Bluetooth.

**HOLD/☀️ button:** Short press to hold the current data; Long press to activate or deactivate backlight.

**MAX/MIN button:** Short press to record Maximum, Minimum and Average readings of temperature and air velocity.

🔌: Timing power on symbol.

**MAX:** Maximum reading of temperature/air velocity

**MIN:** Minimum reading of temperature/air velocity

**AVG:** Average reading of temperature/air velocity

**HOLD:** Hold the displayed temperature/air velocity readings.

°C/°F: Temperature measurement unit

m/s, ft/min, km/h, MPH, knots: Air velocity measurement unit.

Larger LCD digits at bottom of display is Air Velocity readings

Smaller LCD digits at top, right of display is Temperature readings

### • Data Hold

Short press hold button to freeze the temperature and velocity readings, meanwhile displayed on LCD when measures. Press hold button again to return normal measure

### • Temperature and Air velocity measurement

1-Turn on the instrument by pressing power on/off button.

2-Press UNITS button to select unit of measurement. Note: After power on, the meter will display unit before last power off.

3-Put the instrument in environment that is to be measured.

4-Observe readings on the LCD display, The larger digits displayed on main LCD is Air Velocity. The smaller digits displayed on upper right LCD is temperature reading.

### • MAX/MIN/AVG reading

1-Press MAX/MIN button for the first time, the instrument will enter Max tracking mode, the maximum reading will display on the LCD.

2-Press MAX/MIN button for the second time, the instrument will enter Min tracking mode, the minimum reading will display on the LCD.

3-Press MAX/MIN button for the third time, the instrument will enter Avg tracking mode, the average reading will display on the LCD.

4-Press MAX/MIN button for the fourth time, the current reading will display on the LCD.

**Note:** Avg mode will automatically stop in 2hours and the instrument will auto power off.

### • Bluetooth communication

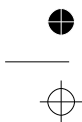
Long press Bluetooth button to activate bluetooth function, it communicates after connected. The instrument can transmit measured data and instrument status to software and control the instrument.

The instrument will automatically turn off in order to lengthen the battery working life. 🔌 appears on the LCD, please replace the old battery with new ones.



1-Open the battery compartment with a suitable screwdriver.

2-Replace 9V battery.

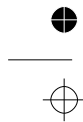
3-Mount the battery compartment again.



## 5. Specifications

Air velocity	Range	Resolution	Accuracy
m/s	1.10~25.00m/s	0.01m/s	±(3%+0.30m/s)
km/h	4.0~90.0km/h	0.1km/h	±(3%+1.0km/h)
ft/min	220~4920ft/min	1ft/min	±(3%+40ft/m)
MPH	2.5~56.0MPH	0.1MPH	±(3%+0.4MPH)
knots	2.2~48.0knots	0.1knots	±(3%+0.4knots)
<b>Air temperature</b>	-10~60°C(14~140°F)	0.1°C/°F	2.0°C(4.0°F)
<b>Display</b>	Dual line, 4-digit LCD		
<b>Display Update</b>	2 times/sec		
<b>Sensors</b>	Air velocity sensor; NTC-type precision thermistor		
<b>Automatic Power off</b>	Auto shut off in 10 minutes without operation to preserve battery life		
<b>Operating Temperature</b>	0 to 50°C(32 to 122°F)		
<b>Storage Temperature</b>	-10 to 60°C(14 to 140°F)		
<b>Operating Humidity</b>	<80%RH		
<b>Storage Humidity</b>	<80%RH		
<b>Operating Altitude</b>	2000 meters(7000ft)maximum		
<b>Battery</b>	One 9 voltbattery		
<b>Low battery indication</b>	The low battery signal “  ” flash when battery voltage drops below 7.2V; The backlight and low battery signal “  ” flash twice when battery voltage drops below 6.5V, then auto power off.		
<b>Weight</b>	172g		
<b>Dimensions</b>	213*54*36mm		

1knot	0.5144	101.27	1	1.6519	1.15
1km/h	0.2778	54.69	0.54	1	0.62
1MPH	0.4464	87.89	0.8679	1.6071	1
°F=°C*9/5+32					



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