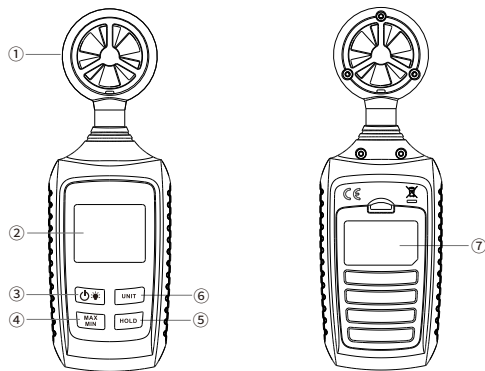


Mini Anemometer User Manual v1.0.8

1. Brief Description

Mini Anemometer is an instrument for measuring wind speed, which can be used for wind speed measurement in mining, electric power, steel, petrochemical, energy saving, navigation, fan manufacturing, exhaust ventilation and other industries.

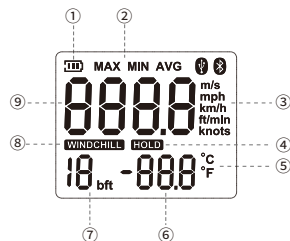
2. Structure Diagram



- ① Probe
- ② LCD display area
- ③ Power on/off, switch backlight
- ④ Switch measurement mode

- ⑤ Value lock, key buzzer
- ⑥ Switch units
- ⑦ Battery compartment

3. LCD Diagram



- ① Battery level prompt
- ② Maximum and Minimum value measurement prompt
- ③ Wind speed unit
- ④ Value lock prompt
- ⑤ Temperature unit
- ⑥ Temperature value display area
- ⑦ Beaufort wind rating display area
- ⑧ Wind chill prompt
- ⑨ Wind speed value display area

4. Battery Installation Instructions

- (1) Install the battery according to the positive and negative electrode instructions inside the battery compartment.
- (2) When the instrument prompts "□", it means that the battery power is too low, and the battery needs to be replaced in time.
- (3) When the instrument is not used for a long time, be sure to take out the battery and place it properly.

5. Power On/Off

- (1) Short press the "☼" key to start the instrument.
- (2) Press and hold the "☼" key to shut down the instrument.

6. Function Description

6.1 Backlight

In the power-on state, short press the "☼" key to turn on or off the screen backlight.

6.2 Unit

- (1) Short press the "UNIT" key to switch the wind speed units m/s, mph, km/h, ft/min and knots .
- (2) Press and hold the "UNIT" key to switch the temperature unit between °C and °F.

6.3 Measurement Mode

Short press the "MAX MIN" key to switch between maximum, minimum, and real-time measurement modes.

- (1) Real-time measurement mode: The measured value changes in real time. When the instrument is turned on, it enters the real-time measurement mode by default.
- (2) Maximum/ Minimum measurement mode: The maximum or minimum value displayed by the instrument will change according to the real-time measurement results.

Note: Press and hold the "MAX MIN" key to clear the maximum and minimum measured values (it can also be cleared automatically when the instrument is powered off).

6.4 Value Lock

Short press "HOLD" key to turn on (the screen prompts "**HOLD**") or turn off the value lock function. When it is turned on, the value lock remains unchanged.

6.5 Key Buzzer

Press and hold the "HOLD" key, to turn on(bp on) or turn off(bp off) the key buzzer prompt sound.

6.6 Automatic Shutdown

- (1) Turn on automatic shutdown: During normal startup, the instrument automatically shuts down without key operation for about 5 minutes by default.
- (2) Cancel automatic shutdown: In the shutdown state, first press and hold the "MAX MIN" key, then short press the "⏻" key, the instrument prompts "APO OFF" and then turns on.

6.7 Wind Chill Alarm

When the temperature is lower than 0°C and the wind speed is greater than 5m/s, the screen will prompt "**WINDCHILL**".

7. Technical Parameter

Measurement parameters	Wind speed	Temperature
Measurement range	0~30m/s	-10~45°C (14~113°F)
Resolution	0.1m/s	0.1°C
Accuracy	±(5%rdg+0.5)	±1°C
Sampling rate	0.5s/time	
Unit	m/s, mph, km/h, ft/min, knots	°C, °F
Beaufort scale	Level 0~12	
Operating environment	Temperature: -10~45°C; Humidity: ≤80%RH	
Stored environment	Temperature: -10~50°C; Humidity: ≤75%RH	
Power supply	3 1.5V AAA dry cell batteries 3 1.2V AAA rechargeable batteries	
Dimensions	163*55*28mm	
Shell material	ABS	
Weight	About 90g (without battery)	

Precautions

- Please operate the instrument correctly and use it under the conditions specified in the technical parameter sheet.
- Do not store or use the instrument in high temperature, high humidity, flammable and explosive environment.
- Based on the principle of magnetic induction wind speed measurement, when using and storing the instrument, please try to stay away from occasions with strong electromagnetic radiation to avoid interference to the instrument.
- Do not touch the probe of the instrument during measurement to avoid injury or damage to the instrument.