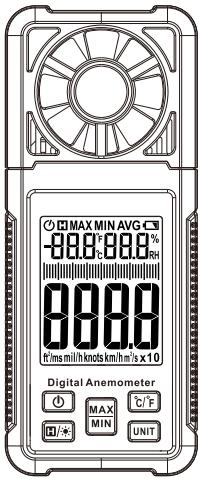


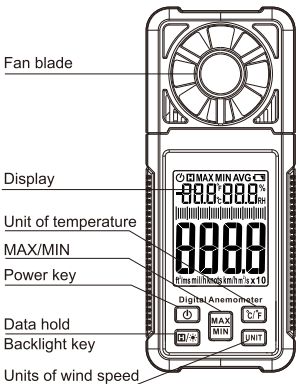
Digital Anemometer



⚠ Before using the instrument, please read this manual carefully, and save it well for future using.

Introduction

This is a professional digital anemometer with stable performance, safety, and reliability. It is widely used in wind energy, meteorology, industry, agriculture, hydrology and water conservancy, environmental protection, highways, airports ports, etc.



1

Display screen



Symbols	Description	Symbols	Description
	Data hold	m/s	Meter per second
MAX	Maximum value	Km/h	Kilometers per hour
MIN	Minimum value	mil/h	Miles per hour
AVG	Average value	ft/m	Foot per minute
°C	Celsius	ft/s	Feet per sec
°F	Fahrenheit	knots	Nautical miles per hour

2

%RH	Humidity unit		Low battery
	Wind speed simulation bar		Automatic shutdown

Considerations

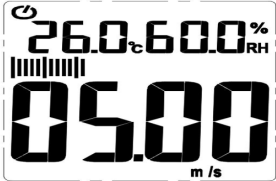
- Do not touch the fan blade with force.
- Do not store or operate the instrument in areas with high temperature or humidity.
- In use, do not let the strong light directly shine on the fan, in order to avoid measurement errors.
- Avoid violent vibration.
- Remove the battery before storing the instrument for a long time.

Operation

Wind speed measurement:

3

- Press the button to turn on the power.
- Hold the anemometer and let the fan plane of the anemometer align vertically with the wind direction of the airflow for measurement.
- The display will show the wind speed, wind temperature, and wind humidity at the same time.



Data hold:

To freeze a displayed reading, press the button. The “H” icon will appear and the most recent

4

reading will appear on the display. Press the button to exit the mode and return to normal mode.

Backlight on or off:

Press the button and hold it for more than 2 seconds to enable or disable the backlight function.

MAX/MIN/AVG function:

Press the key to turn on the maximum function, and then press the key to cycle through the maximum, minimum, and average values. Long pressing the key for 2 seconds returns to normal measurement function.

Temperature unit selection:

Press the key to select the temperature unit.

5

Wind speed unit selection:

Press the key to select the desired wind speed unit (m/s, km/h, mil/h, ft/m, ft/s, knots).

Auto shutdown function.

When the power is turned on, the automatic shutdown function is turned on by default. No operation within 10 minutes will automatically shut down.

If you need to cancel the auto-off function, press and hold the key before turning on the meter, then press the key to turn on the power, and then release the key after the meter is turned on, the auto-off function will be canceled.

Reboot to restore automatic shutdown function automatically.

6

When the meter turns on the auto-off function, the display will show the symbol; when the auto-off function is canceled, it will not show.

Specifications

Display	LCD, Max display 9999
Air velocity	0.70 ~ 30.00 m/s
Sampling rate	One reading per 0.5 Sec.
Sensor	Air velocity/flow sensor: angled vane arms with bearing
Max/Min/Avg	minimum, maximum, average measurement
Data hold	Freeze reading
Operating conditions	Temperature:0 ~40°C, Humidity:<80%RH Altitude:<2000m

7

Storage conditions	Temperature: -10~50°C, Humidity:<80%RH
Auto power off	10 minutes
Power	3 x 1.5VAAA(LR03) batteries

Accuracy Specifications

Reference condition: the environment temperature is 18°C to 28°C, and the relative humidity is no more than 80%

Air velocity measurements	Range	Resolution
m/s	0.70 ~ 30.00	0.01
km/h	2.50~108.0	0.01~0.1

8

ft/s	2.30 ~ 98.50	0.01
ft/m	137 .0~5900	0.1~1
knots	1.30 ~ 58.30	0.01
mil/h	1.50 ~ 67.10	0.01
Accuracy of air velocity	< 1.00m/s: ±0.7 m/s	
	1.00~30.00 m/s: ±(2.0%+0.5m/s)	
Range of temperature	-20.0°C ~ 60.0°C (-4.0°F~140.0°F)	
Resolution of temperature	0.0 ~ 45.0°C: ±1.0°C	
	others: ±1.5°C	
Range of humidity	0.0% ~99.9%RH	

9

Resolution of humidity	20%~ 80% RH: ±5.0%RH
	others: ±6.0%RH

Maintenance

Battery replacement

When the meter shows the symbol "", please replace the battery in time.

Cleaning

⚠ Caution

To avoid damaging the case, do not use corrosive agents or solvents to clean the instrument.

Wipe the shell regularly with detergent or a damp cloth and detergent.

10

