

# Digital Anemometer Instruction Manual

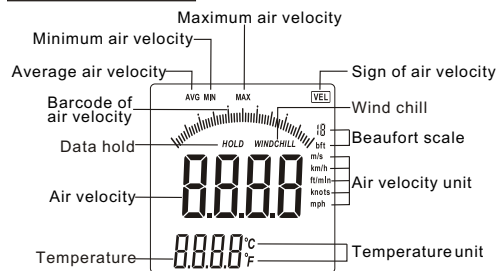


Version: EN-11

## A. FUNCTION

1. Air Velocity & Temperature measurement
2. Max/Min/Average/Current reading
3. °C/°F temperature unit selection
4. Five units of air velocity: M/s, Km/h, ft/min, Knots, mph
5. Data Hold
6. LCD backlight display
7. Manual/Auto power shut off
8. Beaufort Scale indication
9. Wind chill indication
10. Low battery indication

## B. LCD DISPLAY



## C. OPERATION

### 1. Prepare before measurement:

Open the battery door and put one 9V battery into the compartment correctly. Then close the battery door; Connect the vane's cable to the main unit.

### 2. Turn on:

Press **POWER** to turn on the unit. LCD blink a full display one second then display current air velocity and temperature; Backlight will be activated at the same time.

### 3. Set up unit of air velocity:

Press **UNIT**, then "m/s" indication blinks. Press **▲** can switch the five units: m/s, km/h, ft/min, knots and mph. Press **UNIT** again to confirm the unit.

### 4. Set up unit of temperature

Press **°C/°F** to switch temperature unit: °C/°F

### 5. Data hold:

Press **HOLD** to lock the current air velocity. Press it again

can go back the normal measuring mode

### 6. Set up backlight

Press **LED** button for 2 seconds to turn on the backlight. Press it again for 2 seconds to turn off the backlight.

### 7. Max/Min/Avg/Current air velocity measure

When power on and the vane spins, LCD display current air velocity. Press **MAX** button again and again can switch to MAX reading, MIN reading, AVG reading and go back to current reading.

### 8. Turnoff:

Press **OFF** button to turn off the unit. The unit will turn off automatically without any operation in one minute.

## D. SPECIFICATION

Air velocity				
Unit	Range	Resolution	Threshold	Accuracy
M/s	0~45	0.1	0.3	±3% ±0.1dgts
Ft/min	0~8800	19	60	±3% ±10dgts
Knots	0~88	0.2	0.6	±3% ±0.1dgts
Km/hr	0~140	0.3	1	±3% ±0.1dgts
Mph	0~100	0.2	0.7	±3% ±0.1dgts
Temperature				
Unit	Range	Resolution	Accuracy	
°C	0°C~+45°C	0.2	±2°C	
°F	32°F~113°F	0.36	±3.6°F	
Power supply		9V Battery		
Operating temperature		-10°C~+50°C(14°F~122°F)		
Operating humidity		40%RH~85%RH		
Store temperature		-20°C~+60°C(-4°F~140°F)		
Store humidity		10%RH~90%RH		
Packing information				
Dimension		Main unit: 145x72x35mm		
		Vane: 172x65x29mm		
Weight		276G(Including battery)		
Accessory		Rubber pouch		

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