

Anemometer Instruction manual



Version: 816-EN-00

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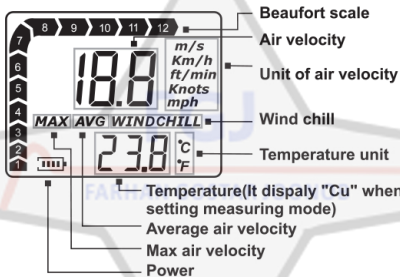
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A. FUNCTION

- Air Velocity & Temperature Measurement;
- Max/Average/Current air velocity measurement;
- °C/°F Temperature unit selection;
- Five units of air velocity:
M/s, Km/h, ft/min, Knots, mph
- Beaufort scale;
- Backlight display;
- Manual/Auto power shut off;
- Wind chill indication;
- Low battery indication.

B. LCD Display



C. Operation

- Turn on:** Press "MODE" button for 2 seconds to turn on the unit. LCD will display Air velocity, temperature and battery icon. LCD backlight will last for 12 seconds.
- Set unit of air velocity and measuring mode:**
Press "MODE" button more than 3 seconds until "m/s" starts to blink. Press "SET" button to select desired air velocity unit. To confirm the unit, press "MODE" button. For setting MAX/AVG/CU mode, press "SET" button again and again until CU/MAX/AVG blink, then press "MODE" button to confirm.
 - The setting will be stored when turn off the unit. But if you change the battery, the setting will go back to the factory preset.
- Unit of Air velocity:** m/s, Km/hr, ft/min, Knots, mph
- Measuring mode:**
CU: current air velocity
MAX: max air velocity AVG: average air velocity

3. Set temperature unit:

Temperature switch key (°C/°F) conceal in the rear cabinet, please use a little push-pin to press the key for °C/°F conversion.

4. **Backlight display:** The backlight will be activated for 12 seconds by press any key

5. **Measurement:** when the wind vane (impeller) turns, LCD will instant display wind speed, temperature and beaufort scale. When temperature below 0 °C, "WIND CHIU" will be shown on the LCD.

6. **Turn off:** Press "MODE" + "SET" buttons at the same time to turn off the unit.

7. **Auto power shut off:** The unit will be shut off without any operation for 14 minutes

8. **Change battery:** When the symbol "☹" shown on the LCD, please change the battery.

D. Specification

A. Air velocity				
Unit	Range	Resolution	Threshold	Accuracy
M/s	0~30	0.1	0.1	±5%
Ft/min	0~5860	19	39	
Knots	0~55	0.2	0.1	
Km/hr	0~90	0.3	0.3	
Mph	0~65	0.2	0.2	
B. Temperature				
Unit	Range	Resolution	Accuracy	
°C	-10°C~+45°C	0.2	±2°C	
°F	14°F~113°F	0.36	±3.6°F	
Battery	CR2032 3.0V (Included)			
Thermometer	NTC thermometer			
Operating temperature	-10°C~+45°C (14°F~113°F)			
Operating humidity	Less than 90%RH			
Store temperature	-40°C~+60°C (-40°F~140°F)			
Current consumption	Approx. 3mA			
Weight	52g			
Dimension	40x18x105mm			

Special Statement:
this company reserves the right of changing the product design and contents of instruction if changed the separate notice isn't given.

