

wintact®

MODEL: WT816A

Anemometer Instruction manual

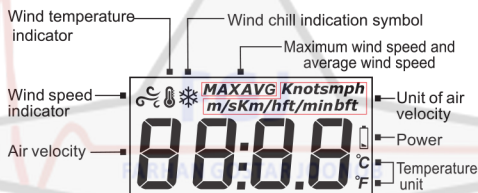


Version: WT816A-EN-00

A. FUNCTION

- ▶ Air Velocity & Temperature Measurement.
- ▶ Max/Average/Current air velocity measurement.
- ▶ °C/°F Temperature unit selection.
- ▶ Six units of air velocity: M/s, Km/h, ft/min, Knots, mph, bft.
- ▶ Beaufort scale.
- ▶ Backlight display.
- ▶ Manual/Auto power shut off.
- ▶ Wind chill indication. Low battery indication.
- ▶ IP67.

B. LCD Display



C. Operation

1. **power on:**
Long press "Ⓞ/M" button for about 2 seconds to turn on the instrument.
2. **Wind speed and temperature settings:**
Press switch button "V/T" to switch between wind speed or temperature.
3. **Wind speed and temperature unit settings:**
When wind speed is displayed, press "U" button to switch the wind speed unit: m/s, Km/h, ft/min, Knots, mph, bft (Beaufort scale); when temperature is displayed, press "U" button to switch the temperature unit between °C and °F.
4. **Measurement mode settings:**
Press "Ⓞ/M" button to switch measurement mode among the maximum or average value of wind speed, wind temperature and real-time value. MAX icon means the maximum value measurement mode. AVG icon means the average mode for the average value in last 4 seconds. When neither MAX nor AVG icon is displayed, it is the real-time value; after setting the measurement mode, measurement can be started.
5. **Over range display of wind speed:**

When wind speed exceeds the measurement range, "---" will be displayed.

6. Backlight:

Press any button to light the backlight. The backlight will automatically go out after no button operation for about 10 seconds.

7. Wind cold indication:

When wind temperature is below 0 °C, "❄️" icon will be displayed.

8. Shutdown:

Long press "Ⓞ/M" button for about 2 seconds and the instrument will shut down.

9. Automatic shutdown:

The instrument will automatically shut down after no button operation for about 14 seconds.

10. Low battery indication:

Low battery icon "🔋" indicates that the battery is low and you need to replace the battery with a new one.

D. Specification

A. Air velocity

Unit	Range	Resolution	Minimum wind speed	Accuracy
m/s	0-30	0.1	0.7	±5%
ft/min	0-5860	19	137	
knots	0-55	0.2	1.4	
km/hr	0-90	0.3	2.5	
mph	0-65	0.2	1.6	

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
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)		
Battery	Cr2032 3.0V (Included)		
Thermometer	NTC thermometer		
Current consumption	Approx. 3mA		
Dimension	47x21x126mm		
Weight	84.5g(with battery and lanyard)		

Special Statement:
Our company shall hold no any responsibility resulting from using output from this product as an direct or indirect evidence.
this company reserves the right of changing the product design and contents of instruction if changed the separate notice isn't given.



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