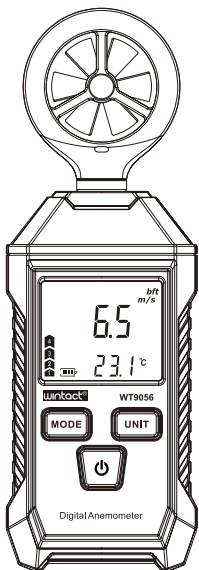


Digital Anemometer Instruction manual

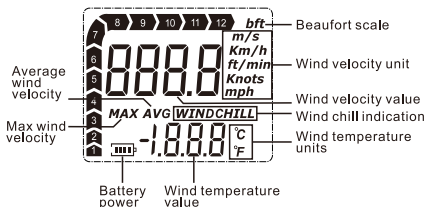


Version: WT9056-EN-00
Standard: Q/HTY 003-2018

A. Product function

1. Simultaneously measure wind velocity and temperature
2. Switch among max/average/current wind velocity
3. Two temperature units: C/F
4. Five wind velocity units: m/s, Km/h, ft/min, Knots, mph
5. Beaufort scale
6. LCD backlight display
7. Manual/Auto powering off
8. Wind chill indication
9. Low battery indication

B. LCD Display



C. Operating Instructions

1. Power on/off
 - (1) Power on: When shutting down, short press the power button to turn on the device. After about 1 second of full screen display, the wind speed measurement interface will be displayed;
 - (2) Shutdown: After turning on, long press the power button for about 2 seconds to shut down;
 - (3) Automatic shutdown: After short pressing the power button to turn on, there is no button operation, and it will automatically shut down after about 10 minutes;
 - (4) Cancel automatic shutdown: When shutting down, long press the power button for about 5 seconds until the LCD displays [no], and the system will not automatically shut down.
2. Measurement mode setting
Short press the "MODE" button to switch between the current wind velocity, maximum wind velocity (MAX), and average wind velocity (AVG) modes: When switching to the maximum value mode, the displayed wind velocity value is the maximum wind velocity value that appears after switching to this mode; When switching to the average mode, the displayed wind velocity value is the average wind velocity value in the last 4 seconds.
3. Unit settings
 - (1) Wind velocity unit: Short press the "UNIT" button to switch wind velocity units: m/s, Km/h, ft/min, Knots, mph;
 - (2) Temperature unit: Long press the "UNIT" button to switch temperature units: °C, °F
4. Backlight
Short press the power button to turn on or off the backlight. After turning on the backlight, if there is no button operation within two minutes, the backlight will automatically turn off.

5. Wind chill indication:
During measurement, if wind temperature is below 0°C, the LCD displays [WIND CHILL].

6. Low battery warning
When the electric power of battery is insufficient, [] symbol may appear on LCD to show that the electric power of battery is insufficient; the new battery must be replaced.

D. Technical Parameters

| A. Wind velocity | | | | |
|-----------------------|--------|---|-----------|----------|
| Unit | Range | Resolution | Threshold | Accuracy |
| m/s | 0~30 | 0,1 | 1,0 | ±5%±0,2 |
| ft/min | 0~5860 | 19 | 197 | ±5%±40 |
| Knots | 0~55 | 0,2 | 2,0 | ±5%±0,4 |
| Km/h | 0~107 | 0,3 | 3,6 | ±5%±0,8 |
| mph | 0~65 | 0,2 | 2,3 | ±5%±0,4 |
| B. Wind temperature | | | | |
| Unit | Range | Resolution | Accuracy | |
| °C | -10~45 | 0,2 | ±2 | |
| °F | 14~113 | 0,36 | ±3,6 | |
| Battery | | 1.5V AAA Battery*3 | | |
| Temperature sensor | | Negative Temperature Coefficient Resistance | | |
| Operation temperature | | -10~45°C (-14~113°F) | | |
| Operation humidity | | Less than 90%RH | | |
| Storage temperature | | -40~60°C (-40~140°F) | | |
| Current consumption | | About 6mA | | |
| Size | | 158*53.5*31.5mm | | |

Specific Declarations:
Our company shall hold no any responsibility resulting from using output from this product as an direct or indirect evidence.
We reserves the right to modify product design and specification without notice.

