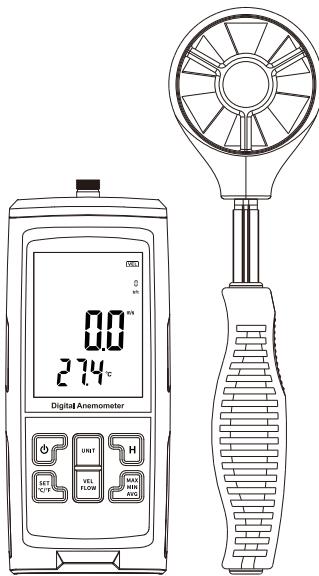


## Digital Anemometer Instruction Manual



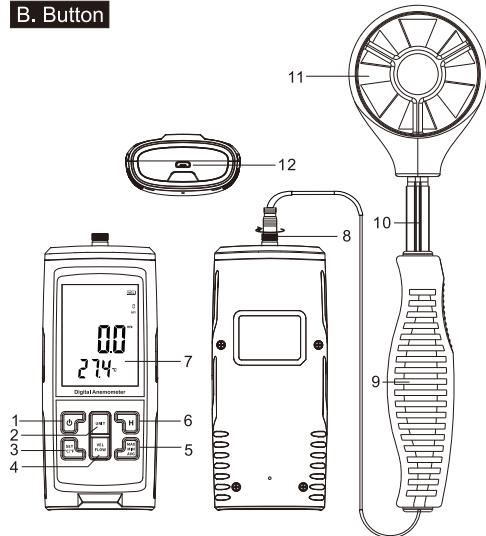
Vision: GT8915-EN-01

-1-

### A. Features

1. Measurement of wind velocity, temperature and flow
2. Selection among max wind velocity,min wind velocity,average wind velocity,current wind velocity.
3. Selection among max wind flow,min wind flow,average wind flow,current wind flow,2/3 maximum wind flow value.
4. Temperature unit selection between °C/°F
5. Inlet area set
6. Selection wind velocity unit among m/s, km/h, ft/min, knots, mph
7. Data hold
8. LCD backlight
9. Manual/automatic turning off
10. Beaufort scale
11. Wind chill alert
12. Retractable drag rod
13. Low battery indication

### B. Button

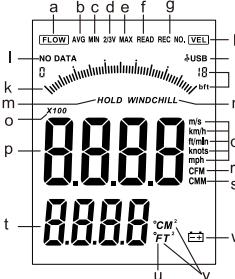


-2-

### 1. Power on/Backlight button

2. Unit switch button for wind velocity and flow
3. Button for temperature unit switch
4. Switch button between the interfaces of wind velocity and flow
5. Switch button among max/min/average/2/3 maximum wind flow value
6. Data hold
7. LCD
8. Battery door
9. Slip resistant handle
10. Retractable drag rod
11. Blade
12. Handle socket

### C. LCD display



a. FLOW: Wind flow icon  
b. AVG: Average wind velocity / flow  
c. MIN: Minimum wind velocity / flow  
d. 2/3 MAX: 2/3 maximum wind flow value  
e. MAX: Maximum wind velocity / flow  
f. READ: Data read  
g. REC NO.: Data record  
h. VEL: wind velocity icon  
i. USB  
j. Francis Beaufort wind scale

k. Dynamic indicating bar for wind velocity  
l. NO DATA  
m. HOLD: Data hold  
n. WINDCHILL: Wind chill alert  
o. Data X10/100  
p. wind velocity / flow display  
q. Wind velocity unit  
r. CFM: Wind flow unit(FT³/MIN)  
s. CMM: Wind flow unit(M³/MIN)  
t. Temperature/area display  
u. °C/°F: Temperature unit  
v. M³/FT²: Area unit  
w. Low battery

-3-

### D. Operation

#### 1. Preparation before measuring:

Insert the battery properly into the battery door. Insert the connecting wire into the socket on the top of the main unit.

#### 2. Power on/off and backlight

Press the "Power on/Backlight" button to turn on the unit with the backlight on, and the full screen display for 2 seconds to enter into wind velocity mode, the readings of temperature and wind velocity shows on the LCD, short press on it will turn on the backlight or turn it off, and it will turn off automatically if there is no operation on the button within 2 minute. the unit will turn off automatically after 10 minutes if there is no any further button operation. Long press on the "Power on/Backlight" button turns off the unit manually.

#### 3. Set up the units of wind velocity / flow

After power on, press the "UNIT" button to select wind velocity unit among m/s, km/h, ft/min, knots and mph in order.

#### 4. Data hold

In measuring, press "H" button to hold the reading measured, and press the "H" button again to return to the measuring mode.

#### 5. Switch between the interfaces of temperature and area setup

Short press on "SET/C/F" button is to switch between Celsius degree(°C) and Fahrenheit degree(°F), long press on "SET/C/F" button to enter into area setup mode.

#### 6. Switch between wind velocity / flow

Press "VEL/FLOW" button to switch between the wind velocity / flow mode and their respective units change correspondently between m/s and CMM.

#### 7. Steps to set up the area

(1) Long press on the "SET/C/F" button to enter into the area setup mode. The area unit flashes, then short press on "H" button to select area unit.  
(2) Short press on "SET/C/F" button to select the first digit with the first digit flashing, and short press on the "H" button to increase the number and the number returns to zero if the input is over 9. After the desired value is selected short press on "SET/C/F" button to confirm and repeat the above steps to set up the second, the third and the forth digits.

-4-

-5-

### E. Specification

#### A. Wind flow

Unit	Range	Resolution	Area
CFM(FT³/MIN)	0~999900	0.1~100	0.001~9999FT²
CMM(M³/MIN)	0~999900	0.1~100	0.001~9999M²

#### B. Wind Velocity

Unit	Range	Resolution	Threshold	Accuracy
m/s	0~45	0.1	0.3	±3% ±0.1
ft/min	0~8800	19	60	±3% ±0.1
knots	0~88	0.2	0.6	±3% ±0.1
km/h	0~140	0.3	1	±3% ±0.1
mph	0~100	0.2	0.7	±3% ±0.1

#### C. Wind Temperature

Unit	Range	Resolution	Accuracy
°C	0~45	0.2	±2
°F	32~113	3.6	±3.6
Power supply			3.7V lithium battery (1000mAh)
Operating temperature			0°C~45°C(32°F~113°F)
Operating humidity			40%RH~85%RH
Store temperature			-10°C~50°C(-14°F~122°F)
Store humidity			10%RH~90%RH

#### 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.



-6-