



MODEL: GM8901

## Digital Anemometer Instruction Manual

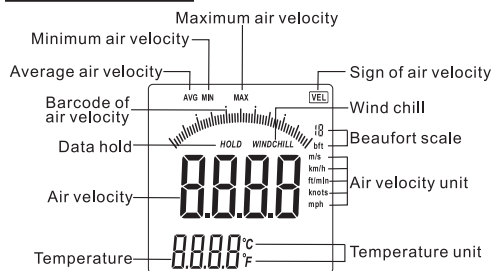


Version: GM8901-EN-00

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

#### 4. Set up unit of temperature

Press to switch temperature unit: °C/°F

#### 5. Data hold:

Press to lock the current air velocity. Press again

can go back the normal measuring mode

#### 6. Set up backlight

Press 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 button again and again can switch to MAX reading, MIN reading, AVG reading and go back to current reading.

#### 8. Turn off:

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

### D. SPECIFICATION

Air velocity				
Unit	Range	Minimum resolution	Threshold	Accuracy
M/s	0~45	0.01	0.3	±3% ±0.1dgts
Ft/min	0~8800	1.9	60	±3% ±10dgts
Knots	0~88	0.02	0.6	±3% ±0.1dgts
Km/hr	0~140	0.03	1	±3% ±0.1dgts
Mph	0~100	0.02	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		

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.

