



Model: GM8901

Digital Anemometer Instruction Manual



Version: GM8901-EN-00

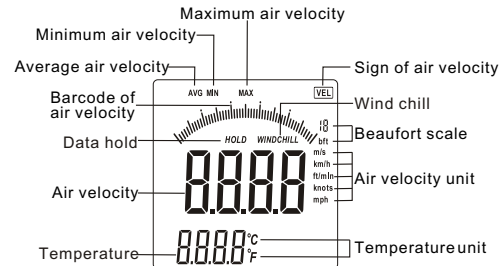
210.00 mm

143.00 mm

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

4. Set up unit of temperature

Press **TEMP** to switch temperature unit: °C/°F

5. Data hold:

Press **HOLD** to lock the current air velocity. Press it again

can go back the normal measuring mode

6. Set up backlight

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

8. Turn off:

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

D. SPECIFICATION

Air velocity				
Unit	Range	Resolution	Threshold	Accuracy
M/s	0~45	0.1	0.3	±3% ±0.1dgts
Ft/min	0~8800	19	60	±3% ±10dgts
Knots	0~88	0.2	0.6	±3% ±0.1dgts
Km/hr	0~140	0.3	1	±3% ±0.1dgts
Mph	0~100	0.2	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			



70.00 mm

70.00 mm