BENETECH

MODEL : GM8901
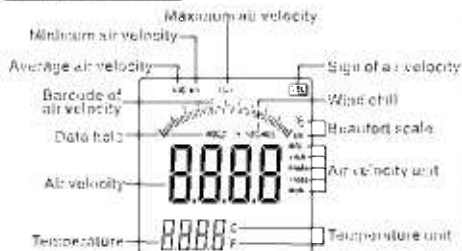
Digital Anemometer
Instruction Manual

Version : GM8901-EN-00

A. FUNCTION

1. Air Velocity & Temperature measurement
2. Max/Min/Average/Current reading
3. 'C'/'F'temperature unit select on
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

- Minimum air velocity
- Maximum air velocity
- Average air velocity
- Barcode of air velocity
- Data hold
- Air velocity
- Temperature
- Sign of air velocity
- Wind chill
- Beaufort scale
- Air velocity unit
- Temperature unit

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 button 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 uint.

4. **Set up unit of temperature**
   Press to switch temperature units: ℃/℉

5. **Data hold**
   Press to lock the current air velocity. Press it 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
℃	0℃~+45℃	0.2	±2℃
℉	32℉~113℉	0.36	±3.6℉

Power supply	9V Battery
Operationg temperature	-10℃~+50℃(14℉~122℉)
Operating humidity	40%RH~85%RH
Store temperature	-20℃~+60℃(-4℉~140℉)
Store humidity	10%RH~90%RH

Packing information

Dimension	Main unit:145x72x35mm
	Vane:172x65x29mm
Weight	276G(Incuding battery)
Accessory	Rubber pouch

Special Declarations:
Our company shall hold no any responsibility, resulting from wrong output from mis-product or mis-direct or mis-direct use/note.
We reserve the rights to new model, product image and to conference without notice.

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