



MODEL: GM8901

Digital Anemometer Instruction Manual



FGJ-NDT.IR
DIGINDT.IR

Version: GM8901-EN-00

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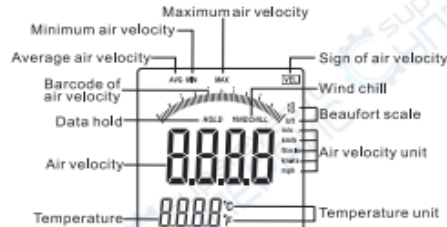
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A. FUNCTION

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 **▲** 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 **BL** 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	Minimum resolution	Threshold Accuracy
M/s	0~45	0,01	0,3 ±3% ±0,1dpts
ft/min	0~8800	1,9	60 ±3% ±10dpts
Knots	0~88	0,02	0,6 ±3% ±0,1dpts
Km/hr	0~140	0,03	1 ±3% ±0,1dpts
Mph	0~100	0,02	0,7 ±3% ±0,1dpts
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.



Tehran, Tehransar