

Product ID: AVM712

Anemometer (AVM712)

AVM-712 Specifications:

1. 3 Measurements in one instrument.
- Air flow: CMM(M3/min) and CFM(FT3/min)
- Air velocity: m/s, ft/min, km/h, knots, mile/h.
- Air temperature: Degree C and F.
2. 3 air flow mode: Instant, 2/3rd Velocity Max, Average
3. This instrument use Low friction ball vane wheels to make sure high accuracy in high and Low velocities.
4. Large LCD dual display
5. Recall function for maximum and minimum record
6. Data hold function
7. High accuracy and special function built-in micorcomputer circuit design.
8. Auto power off
9. Use fast-response-time Thermistor sensor for temperature measurement.
10. Low battery indicator
11. 006P DC 9V battery operation
12. Seperate probe for different environment measurement.
13. With hard carrying case
14. Wide applications for air conditioning & heating sytems, measuring air velocities, wind temperature



AVM 712 Anemometer

Ordering information

Specifications:

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 - Circuit:
 - 1. Exclusive one-chip of micro-computer LSI circuit. Auto shut off saves battery life or
 - 2. Display: 13mm(0.5")Super large LCD display.
 - Dual function meter's display.
 - 3. Measurements:
 - (1)Air velocity:
 - m/s(meters per second),
 - km/h(kilometers per hour),
 - ft/min(feet/per minute),
 - knots(nautical miles per hour),
 - mile/h(miles per hour)
 - (2) Air flow:
 - Air flow:CMM(m3/min.) , CFM(ft3/min).
 - (3)Air temperature:°J,°K.

สนใจติดต่อ บริษัท เอมาร์ท จำกัด 11/13 หมู่ 5 ถ.สุขคนธสวัสดิ์ แขวงลาดพร้าว เขตลาดพร้าว กทม. 10230

โทร.02-9079421-2 , 02-9077480-3, แฟกซ์ : 02-9079878 , Email : sales@amet.net , Web: www.amet.net



- DATA HOLD Function
- 4. Sensor Structure:
 - Air velocity & Air flow:
 - Conventional twisted van arm and low friction ball bearing design.
 - Temperature: Thermistor
- 5. Memory Recall function: Record Maximum and Minimum reading value
- 6. Auto Power Off: Auto power off function saves battery life or manual off by pushing button
- 7. Fast Sampling time: Approx. 1 second.
- 8. Operating Temperature: 0°C to 50°C (32°F to 122°F).
- 9. Data Output: RS232 PC serial interface
- 10. Power Supply: Alkaline or heavy duty type DC 9V battery, 006P, MIN 1604(PP3) or equivalent.
- 11. Power Consumption: Approx. DC 8.3mA
- 12. Weight: 381 g/0.84 LOB, Main Instrument
- 13. Dimensions: Main instrument: 180x72x32mm (7.1x2.8x1.3 inch).
- 14. Accessories: Instruction manual x 1, sensor probe x 1, Carrying case x 1
- 15. Optional Accessories: Software(Windows version, Data record & data acquisition) SW-U101-WIN
- RS-232 cable UPCB-01
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- Electrical Specifications:
 - 1. Air Velocity:
 - m/s Range / Resolution /Accuracy :
 - 0.4-25.00 m/s 0.01 m/s ±(2%+2.0 m/sec)
 - km/h Range /Resolution /Accuracy:
 - 1.4-90.0 km/h 0.1 km/h ±(2%+0.2 km/h)
 - Mile/h Range/ resolution/ Accuracy
 - 0.9-55.9 mile/h 0.1 mile/h ±(2%+0.2 mile/h)
 - Knots Range/ Resolution/ Accuracy:
 - 0.8-48.6 knots 0.1 knots ±(2%+0.2 knots)
 - Ft/min Range/ Resolution/Accuracy:



- 80-4921 ft/min 1 ft/min ±(2%+20 ft/min)
- 2. Air Flow
- Measurement/ range/ resolution/ Area
- CMM (m3 /min.) 0-999,900 m3 /min. 0.001-100 m3 /min. 0.001-9,999 m3 /min.
- CFM (ft3 /min.) 0-999,900 ft3 /min. 0.001-100 ft3 /min. 0.001-9,999 ft3 /min.
- 3. Air Temperature:
- Measurement Range/ Resolution/ Accuracy:
- 0.1°C to 50.0°C 0.1°C 0.8°C
(32°F to 122°F 0.1°F 1.5°F)

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