

Hot Wire Anemometer AVM-716



Key Features:

- **High Precision Measurement** — Accurate air velocity, volume, temperature, and humidity readings for professional applications.
- **Dual Air Volume Display (CMM & CFM)** — Real-time simultaneous measurement after setting exhaust outlet area.
- **Adjustable Barometric Compensation** — Ensures wind speed accuracy under varying air pressure conditions.
- **Fast Response Time (0.5 sec)** — Ideal for dynamic airflow analysis.
- **Telescopic Probe (338–870 mm)** — Perfect for reaching ducts or confined areas.
- **Backlight LCD Display** — Easy to read in dark environments.
- **Multi-function Recording** — Displays Maximum (MAX), Minimum (MIN), and Average (AVG) values.
- **USB Power Supply (5V)** — Convenient and eco-friendly operation.
- **Wide Measuring Range** — Air velocity up to 25 m/s and temperature from -20°C to 60°C.
- **Applications** — HVAC, environmental testing, meteorology, automotive air conditioning, airflow measurement of fans, and more.

Measurement Specifications

- **Sensor Type:** Hot Wire Anemometer Sensor
- **Temperature Range:** -20~60°C (Accuracy: $\pm 0.8^{\circ}\text{C}$)
- **Humidity Range:** 0~100%RH (Accuracy: $\pm 3.5\%\text{RH}$)
- **Resolution:** 0.1°C / 0.1°F / 0.1%RH
- **Thermal Response Time:** Approximately 2 minutes to reach 90%
- **Measurement Parameters:** Air velocity, air volume, temperature, and humidity
- **Accuracy (Air Velocity / Volume):** $\pm 3\%$ of reading $\pm 1\%$ F.S.
- **Units of Measurement:** m/s, km/h, ft/min, MPH

Product Features

- **Data Storage Capacity:** Up to 8,000 records
- **MAX/MIN Display:** Supported
- **Recording Mode:** Single record mode
- **Alarm Function:** Yes
- **Analog Bar Display:** 36 segments
- **Power Supply / Transmission:** Micro USB (5V)

Product Information

- **Operating Environment:** Temperature 0~50°C; Humidity <70%RH (non-condensing)
- **Storage Environment:** Temperature -20~60°C; Humidity <80%RH (non-condensing)
- **Communication Interface:** Not specified
- **Power Supply:** Micro USB (5V)
- **Included Accessories:**
 - Rotatable protection cover
 - Extendable measuring probe (up to 870 mm, 4-stage telescopic design)
 - USB cable
- **Dimensions:**
 - Main Unit: 185(L) × 65(W) × 36(H) mm
 - Probe: 338–870 mm (4-stage telescopic)
- **Cable Length:** 1890 mm