



## AZ8919 Anemometer CO2, Temperature & Humidity Air Flow Velocity Meter (10cm Vane)

SKU: AZ8919BK

Manufacture Warranty period: 12 months

Country of Origin: Taiwan

### Introduction

The 8919 AZ wind speed meter can measure the Air Speed, Air Velocity, Air Volume, Temp., Humidity value, which is the best choice as the wind speed monitoring device in HVAC (Heating, Ventilation, Air Conditioning and Refrigerating) or industrial related application.

The portable 8919 AZ Air flow Meter has the 10 cm diameter vane type with built-in NDIR wave guide technology CO2 sensor; it can measure the CO2 value to monitor the indoor air quality. The meter could attach to the specific air flow cone to measure the volume quickly. User just needs to install the compatible airflow cone, the meter will recognize the area for air volume calculations automatically. The air flow cone set has the round and square size, which could be met with most applications.

### Features

- Measures air velocity, volume, CO2, temperature, humidity, dew point & wet bulb temperature
- 10 cm diameter vane type
- Auto airflow cone recognize (Square/round type)
- NDIR waveguide technology CO2 sensor
- Max. /min. value, Hold function
- Unlimited points average auto calculation
- Time weighted average auto calculation
- Inlet and outlet measurement is doable
- Auto power off in 20 mins inactivity
- Low battery indicator
- Blue backlight for dark area operation

### Applications

- HVAC installation, repair, diagnostics and optimization
- Fume hood testing, installation and verification
- Ventilation system installation, servicing and analysis
- Environmental wind and temperature testing / analysis
- Boiler rooms
- Linear flow output monitoring
- Automobile aerodynamic testing
- Plant / Facilities Maintenance

## Specifications

| Wind Speed                                  |  |
|---|--|
| Range:                                      | 0.20~30.00 m/s                                 |
| Accuracy                                    |  |
| ±(1.5% of reading+0.3 m/s) for under 20 m/s |  |
| ±(3% of reading+0.3 m/s) for above 20 m/s   |  |
| Carbon Dioxide (CO2)                        |  |
| Range:                                      | 0~9999 ppm, (5001~9999 ppm out of scale range) |
| Accuracy:                                   | ±30 ppm ±5% of reading (0~5000 ppm)            |
| Air Temperature                             |  |
| Range:                                      | -20~60°C                                       |
| Accuracy:                                   | ±0.6°C   |
| Resolution:                                 | 0.1°C, 0.1°F                                   |
| Response Time:                              | 60 seconds (typical)                           |
| Air Humidity RH%                            |  |
| Range:                                      | 0.1%RH~99.9%RH                                 |
| Accuracy:                                   | ±3%RH (at 25°C. 10~90%RH, others ±5%RH)        |
| Resolution:                                 | 0.1%RH   |
| Response Time:                              | 60 seconds (typical)                           |
| Air Volume                                  |  |
| Range:                                      | 0~99999 m3/minute                              |
| Resolution:                                 | 0.1 (0~9999.9) or 1 (10000~99999)              |
| LCD Update                                  | Every Second                                   |
| Wet Bulb Temperature                        | -20~59.9°C                                     |
| Dew Point Temperature:                      | -5~59.9°C                                      |
| LCD Size:                                   | 54(L) * 32.5(W) mm                             |
| Operating Temperature:                      | 0~50°C   |
| Operating RH%:                              | Humidity < 80%                                 |
| Storage Temperature:                        | -10~50°C                                       |
| Storage RH%:                                | Humidity < 90%                                 |
| Meter Size:                                 | 269(L) * 106(W)* 51(H) mm                      |
| Weight:                                     | ~200g  |
| Battery:                                    | AAA*4 PCS                                      |

## Package includes

|                     |
|---------------------|
| 1 x Anemometer      |
| 1 x Manual          |
| 4 x AAA Batteries   |
| 1 x Hard Carry Case |



