

AMF029A Hot Wire Anemometer

Hot Wire Anemometer is a professional instrument for measurement of wind speed, temperature. It is designed for wind speed measurement in various environments, such as wind speed measurement engineering, quality control, and health control. It is applied in wind speed measurement for various occasions like factories, schools, offices, transportation routes, families, etc.

Features:

1. Measurement of wind velocity, temperature and flow
2. Selection among max wind velocity, min wind velocity, average wind velocity, current wind velocity.
3. Selection among max wind flow, min wind flow, average wind flow, current wind flow, 2/3 maximum wind flow value.
4. Inlet area set
5. Selection wind velocity unit among m/s, km/h, ft/min, knots, mph
6. Temperature unit selection between °C/°F
7. Data hold/Data record/Data read/Data delete function
8. Real-time measurement when connecting USB with computer software.
9. Beaufort scale
10. Wind chill alert
11. LCD backlight
12. Manual/automatic turning off
13. Retractable drag rod
14. Low battery indication

Specifications:

1. Wind flow:

Unit	Range	Resolution	Area
CFM(FT3/MIN)	0~999900	0.001~100	0.001~9999FT2
CMM(M3/MIN)	0~999900	0.001~100	0.001~9999M2

2. Wind Velocity:

Unit	Range	Resolution	Threshold	Accuracy
m/s	0~30	0.01	0.3	±3% ±0.1
ft/min	0~5904	0.01/0.1/1	60	±3% ±0.1
knots	0~58.3	0.01	0.6	±3% ±0.1
km/h	0~108	0.01	1	±3% ±0.1
mph	0~67	0.01	0.7	±3% ±0.1

3. Wind Temperature:

Unit	Range	Resolution	Accuracy
°C	0~45	0.1	±1.0
°F	32~113	0.18	±1.8

- 4. Power supply: 3.7V lithium battery (1000mAh)
- 5. Operating temperature: 0°C~45°C (32°F~113°F)
- 6. Operating humidity: 40%RH~80%RH
- 7. Store temperature: -10°C~50°C (-14°F~122°F)
- 8. Store humidity: ≤80%RH