

AVM-8880
Hot Wire USB Logging Thermo-Anemometer



This hot wire thermo anemometer is ideal for low air velocity and volume measurement. The slim plug in telescopic hot wire probe extends from 0.3 to 1m (inc handle) has a probe sensor head 9mmØ and is ideal for grille hoods and diffusers. It is excellent for ventilation surveys, air conditioning, clean rooms, flow hoods, air balancing and environmental monitoring. USB interface for real time transfer of readings to a PC or Laptop.

- 0.1 to 25m/sec x 0.01
- Measures air velocity in m/sec, ft/min, km/hr, knots or mph
- Measures air volume in m³/min or f³/min
- Measures temperature °C or °F
- 58mm LCD display with Backlight and function indicators
- Data Hold and Min/Max Hold for airflow and temperature
- Low Battery indicator
- Auto Power Off – can be user disabled
- USB interface for real time transfer of readings to a PC or Laptop
- Mean point (average) over displayed elapsed time
- Standard ¼" camera bush for tripod mounting
- Supplied with USB connection cable, software, hard carry case, telescopic probe, battery and AC/DC mains power adaptor
- 2 year warranty

Note: This instrument operates on the basis of maintaining the sensor element at a constant 80°C. Therefore, the battery life is limited to approx. 4 hours operation.

Optional Calibration Certificate

Issued at 3 points:

6, 12 and 18m/sec

Additional points at:

From 1 to 25m/sec

Optional Calibration Certificate

Issued at 2 points:

25°C & 30°C

Additional points at:

From 0°C to 50°C

Technical Specifications

Range	m/sec	ft/min	mph	km/hr	knots	m ³ /min ft ³ /min
Minimum	0.1	20	0.2	0.3	0.2	0
Maximum	25	4,925	55.8	90	48.5	999.90
Resolution	0.01	1	0.1	0.1	0.1	
Accuracy	±5% + 1 digit					
Temp Range	0° to 50°C, 32° to 122°F					

Accuracy 1°C/1.8°F
Power 1 x 9V PP3 Alkaline Battery (**LR-61**) or AC/DC Mains Power Adaptor
Dimensions 210 x 75 x 50mm (Unit) 0.3 x 1m (Probe)
Weight 280g