

## AM500 Hotwire Thermo-Anemometer

### Robust telescoping hot wire probe with compact thermal sensor

#### Features:

- Ideal for in-duct measuring to minimize turbulence effect and suited for low flow and velocity applications
- Air velocity measurements as low as 30ft/min
- Telescoping probe is ideal for use in ducts and ventilating systems; extends up to 3ft (0.9m) long; Probe Head Diameter:0.3" (8mm)
- Depth and Direction Indications (O-Rings and Markers)
- Strong Magnet for mounting and hands free operation
- Measures air volume in CFM (ft<sup>3</sup>/min) and CMM (m<sup>3</sup>/min) plus Temperature simultaneously
- Air Flow displayed in 2 modes as an instantaneous value or up to 20 point average
- Display Modes include Normal; Max/Min; Time Average and Point Average
- Large 1.7" LCD display with Backlight
- Metric and Imperial Unit Selectable
- Data Hold plus Auto Power Off with disable
- Optional model complete with Certificate of Traceability to N.I.S.T.
- Complete with telescoping probe with magnet, O-ring markers, hard carrying case and four 1.5V AAA batteries

#### Specifications

Air Velocity	Range (Resolution)
	30 to 3937ft/min (Below 100 ft/min; 0.1 Above 100ft/min ;1ft/min)
	0.15 to 20.00m/s (Below 10 m/s; 0.01, Above 10 m/s; 0.1)
Accuracy	+/- (5% of reading+20) ft/m; +/- (5% of reading+0.1) m/s
Air Volume	Range (Resolution)
	0 to 99999 (0.1; (0 to 9999.9) or 1; (10000 to 99999))
Units	CFM, CMM, CMH, l/s
Air Temperature	14.0~122.0°F (-10.0~50.0°C)
Accuracy	0.0°C~50.0°C is +/-1.0°C(1.8°F), Below 0°C is +/-1.5°C (2.7°F)
Power	4 x 1.5V AAA
Dimensions	6.9x 2.6 x 1.3" (175x70x33mm)
Weight	11.7oz (331g)



#### Applications:

HVAC Systems, Industrial Ventilation, Research and Development, Environmental Monitoring, Wind Energy, Metrology, Aerodynamics Research, Automotive Testing and many more.

