AMPROBE®

Data Sheet



The Hot Wire anemometer technology eliminates the use of bearings and rotating parts. Because of this fact the meter is durable and provides good and stable accuracy of the measurements. It is used for indoor air quality and HVAC / R technicians measuring Heat / Ventilation, / Air conditioning / Refrigeration, wind flow and temperature in residential, commercial and industrial air conditioning systems.

- Highly accurate thermometer with 0.1% basic accuracy for precise measurements
- Fast response telescopic probe for use in hard to reach places
- Air Flow Volume (CFM, CMM)
- Instant, Avg, 2/3 Vmax Flow Measurements
- Velocity m / s, f t / min, knots, km / hr, mph
- Relative Humidity and Temperature Measurement
- Data hold & Maximum / Minimum with Time stamp
- Data Memory and Real function (99 sets)
- 512KB auto data-logging capacity
- Large backlit LCD display with 5 parameters
- Auto Power ON / OFF setting
- USB interface
- Simple and safe to use



No hassle warranty

No waiting.



Our commitment to high-quality products and customer service is demonstrated by our industry exclusive "No Hassle" warranty. In the unlikely event that an Amprobe Test Tool requires warranty service, any of our local dealers are authorized to replace it, on the spot.

(note: \$500 MSLP limit)





TMA-21HW Hot Wire Anemometer

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General Specifications

Display	Triple display, 4 digit LCD reading.	
Sampling Rate	once per second	
Response Time	< 2 seconds	
Manual Memory Capacity	5 X 99 sets. (Direct reading from LCD display)	
Operating Conditions	0°C ~ 40°C (32°F ~ 104°F) 10 ~ 80% R.H.	
Power Source	6 X AAA Battery	
Battery Life	Approx. 10 hours	
Dimensions	360.7 X 216 X63.5mm (L14.2 X W8.5 X H2.5 in) with case	
Weight	1043g (2.3 Lbs) with case	
Probe Dimensions / Weight		
•	Wire length : 2.2 meter (7.2 ft)	
	Probe length : 1.2 meter (3.9 ft)	
	Probe diameter of tip: 15.0 mm (0.59 in.)	
	Probe diameter of base: 28.0 mm (1.1 in.)	
	Probe weight : 165 g (0.36 lbs)	

Electrical Specification

Feature	Range	Accuracy
Air Flow	0.1 to 30.0 m/s	±3% of reading
	0.2 to 110 km/hr	±1%FS
	10 to 6000 ft/min	
	0.1 to 59 knots	
	0.12 to 68 MPH	
Air Flow Volume	0 to 999900 CFM	
	0 to 999900 CMM	
Temperature	-20°C to +60°C	±0.5°C, ±0.9°F
	-4°F to +140°F	
Humidity	0 to 100%RH	±3%RH
Included Accessories	Users manual, Batteries, Hard carrying case, USB Cable, and CD Software	

