



TMA-21HW Hot Wire Anemometer

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.

No shipping charges.



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)



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Data Sheet

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 X 63.5mm (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 0.2 to 110 km/hr 10 to 6000 ft/min 0.1 to 59 knots 0.12 to 68 MPH	±3% of reading ±1%FS
Air Flow Volume	0 to 999900 CFM 0 to 999900 CMM	
Temperature	-20°C to +60°C -4°F to +140°F	±0.5°C, ±0.9°F
Humidity	0 to 100%RH	±3%RH
Included Accessories	Users manual, Batteries, Hard carrying case, USB Cable, and CD Software	



Amprobe® Test Tools

website: www.Amprobe.com
email: info@amprobe.com
Everett, WA 98203
Tel: 877-AMPROBE

Amprobe® Test Tools Europe

In den Engematten 14
79286 Glottertal, Germany
Tel.: +49 (0) 7684 8009 - 0