



## TMA-20HW 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
- Data hold & Maximum / Minimum with Time stamp
- Data Memory and Real function (99 sets)
- Large backlit LCD display with 5 parameters
- Auto Power ON / OFF setting
- 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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## TMA-20HW Hot Wire Anemometer

## 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)<br>Probe length : 1.2 meter (3.9 ft)<br>Probe diameter of tip : 9.0 mm (0.35 in.)<br>Probe diameter of base : 28.0 mm (1.1 in.)<br>Probe weight : 165 g (0.36 lbs) |

### Electrical Specification

| Feature              | Range                                                                                         | Accuracy                                |
|----------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------|
| Air Flow             | 0.1 to 30.0 m/s<br>0.2 to 110 km/hr<br>10 to 6000 ft/min<br>0.1 to 59 knots<br>0.12 to 68 MPH | ±3% of reading<br>±1%FS                 |
| Air Flow Volume      | 0 to 999900 CFM<br>0 to 999900 CMM                                                            | ±(1.2% rdg + 5 dgts) up to<br>400V Hz** |
| Temperature          | -20°C to +60°C<br>4°F to +140°F                                                               | ±0.5°C, ±0.9°F                          |
| Humidity             | 0 to 100%RH                                                                                   | ±3%RH                                   |
| Included Accessories | Batteries, Hard Carrying case                                                                 |                                         |

