



TMA10A

Anemometer Thermometer

Anemometer with remote vane

Key features:

- Measure CFM by inputting the vent dimensions
- Obtain air flow average by taking up to eight data points
- Vane has three foot cord for measurement flexibility
- Deluxe carrying case

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.

- Measure air velocity or air flow
- RS232 interface output with optional software and cable, TM-SWA
- Continuous moving average for up to 2 hours
- MIN/MAX/AVG reading on a single point
- Air Velocity average for multiple points
- Data Hold to freeze measurement display of both readings
- Auto power off function
- Obtain air flow (CFM) average for multi-point



TMA10A

The TMA10A is ideal for HVAC/R technicians measuring Heat/Ventilation/Air conditioning/Refrigeration wind flow and temperature in residential, commercial and industrial air conditioning systems. It offers numerous functions—use it to check air velocity FPM (Feet per minute), air volume (flow) CFM (Cubic feet per minute) plus the remote vane allows greater measurement location flexibility. Switch between °C and °F. Input the area of airflow measurement to gain accurate air velocity results. Measure an air flow source for a continuous moving average for up to two hours. Determine minimum, maximum and average readings from a single point air source.

Large dual display to view both air flow or velocity measurement plus temperature. Long extended flexible cord for remote vane access capabilities.

All the TMA10A measurements can be output to a computer for charting or analysis by optional model TM-SWA software and RS232 cable. Shipped in a deluxe hard carry case to protect and transport your Anemometer.



TMA10A Technical Specifications

General Specifications

| | |
|----------------------------|---|
| Display | Dual 4-digit (9999 count) LCD |
| Operating temperature | 32 °F to 122 °F (0 °C to 50 °C) |
| Operating humidity | Max. 80 % RH |
| Power supply | 9 V battery (heavy-duty alkaline) |
| Battery life | 100 hours |
| Dimensions Main instrument | 181 mm x 71 mm x 38 mm (7.1 in x 2.8 in x 1.4 in) |
| Weight | 363 g (0.8 lb) including battery and sensor |
| Warranty | One-year |

Measurement Accuracy

| Function | Range | Resolution | Accuracy |
|-----------------------------|--|-------------|---------------------|
| Air Velocity | | | |
| m/s (meters per sec) | 0.40 m to 25.00 m/s | 0.01 m/s | ± 2 % of full scale |
| ft/min (feet per minute) | 125 ft to 4900 ft/min | 1 ft/min | ± 2 % of full scale |
| Air Flow | | | |
| CMS (cubic meters per sec) | 0.01 m to 99.99 m ³ /sec | 0.01 | 0 to 9.999 m |
| CFM (cubic feet per minute) | 1 ft to 9999 ft ³ /min | 1.0 | 0 to 9.999 ft |
| Air Temperature | | | |
| °C (°F) | 0 °C to 50 °C (32 to 122 °F) | 0.1 °C/(°F) | ± 0.8 °C (1.5 °F) |
| Data hold | Freezes displayed reading | | |
| Sensors | Air velocity/flow sensor: Conventional angled vane arms with low friction ball bearing | | |
| Temperature sensor | Precision thermistor | | |
| Sensor head diameter | 70 mm | | |
| MIN/MAX memory | Record and view minimum and maximum readings | | |
| Average reading memory | Single point (up to 2 hours) or multi-point (up to 8 readings) | | |
| Automatic power off | Sleep mode (with bypass) after 20 minutes to conserve energy | | |
| Measurement Units | | | |
| Air velocity | ft/min (feet per minute); m/s (meters per second) | | |
| Air flow | CMS (m ³ /sec) and CFM (ft ³ /min) | | |
| Temperature | °C and °F | | |



Included Accessories

TMA10A Anemometer with remote vane and cord, deluxe hard plastic carrying case, battery (installed) and user manual.

Optional Accessories

- TM-SWA RS232 Cable and Software**
- Record both channels simultaneously
 - Store real-time results for further analysis
 - Chart measurements for trends
 - View time stamp for event analysis

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