![AMPROBE®]

TMA10A
Anemometer Thermometer

Anemometer with remote vane

- 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

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.

WARRANTY NO HASSLE PROGRAM

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.

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.

CE N10140

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

Contact:
Industrial Process Measurement, Inc.
3910 Park Avenue, Unit 7
Edison, NJ 08820
732-632-6400
support@instrumentation2000.com
http://www.instrumentation2000.com