

## Data Sheet

# TMA10

## Anemometer Thermometer



### Anemometer with remote vane

The TMA10 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 TMA10 measurements can be output to a computer for charting or analysis by optional model TM-SW software and RS232 cable.

Shipped in a deluxe hard carry case to protect and transport your Anemometer.

- Measure air velocity or air flow
- RS232 interface output with optional software and cable, TM-SW
- 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

### Specifications

Function	Range	Resolution	Accuracy
<b>Air Velocity</b>			
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
<b>Air Flow</b>			
CMS (cubic meters per sec)	0.01 m to 99.99 m <sup>3</sup> /sec	0.01	0 to 9.999 m
CFM (cubic feet per minute)	1 ft to 9999 ft <sup>3</sup> /min	1.0	0 to 9.999 ft
<b>Air Temperature</b>			
°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		
<b>Measurement Units</b>			
Air velocity	ft/min (feet per minute); m/s (meters per second)		
Air flow	CMS (m <sup>3</sup> /sec) and CFM (ft <sup>3</sup> /min)		
Temperature	°C and °F		



### General Specifications

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

### Included Accessories

TMA10 Anemometer with remote vane and cord, deluxe, hard plastic carrying case, battery (installed) and users manual.

### Optional Accessories

TM-SW RS232 Cable and Software



**No waiting.**

**No shipping charges.**



## No hassle warranty

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

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