

TMA40-A Datalogging Anemometer

Three measurements in one meter



The Amprobe TMA40-A provides three measurements in one: Air Velocity or volume, Relative Humidity and Temperature. With three ways to view your measurement results. Choose between single point measurement, multiple points up to 99, or the added feature of data logging up to 2400 data points. User sets the measurement interval time from 1 to 200 seconds. The TMA40-A has a flexible cord to position vane where you need to measure. For accurate CFM results, the user simply inputs the area of the air source. TMA40-A ships with USB interface cable, Software CD, hard carrying case and user manual.

TMA40-A Features

- **Air velocity (FPM) or air volume (CFM), RH, Temperature**
- **Large digital display with Backlight**
- **Flexible measurement vane** for accessing difficult areas
- **USB Output** for data result usage
- **Measure multiple points** up to 99
- **Data Logging** of Measurements, 2400 data points
- **Set display results** for Metric or English



TMA40-A Detailed Specifications

Range	
Air Velocity	0.4 to 32 m/s (1.3 to 105 ft/s)
Air Volume	0 to 99999 (CFM or CMM)
Temperature	-20°C to 70°C (-4°F to 158°F)
Relative Humidity	0 to 100%
Accuracy	
Air Velocity	± 3%
Air Volume	± 3%
Temperature	± 0.6°C (± 1°F)
Relative Humidity	± 3% at 10% to 99%; ± 5% at all others
Response Time	
Temperature	30 seconds
Air Velocity	1 second
Relative Humidity	15 seconds
Resolution	
Air Velocity	0.1 m/s (0.1 ft/s)
Air Volume	0.1 CMM or 1 CFM
Temperature	0.1°C (0.1°F)
Relative Humidity	0.1%
General Specifications	
Measurement with memory	99 points
Datalogging measurement	2400 points
Operating Humidity	100% RH
Operating Temperature	-20 to 70°C / -4 to 158°F
Storage Temperature	-20 to 70°C / -4 to 158°F
Dimensions	165 X 70 X 53 mm (6.5 X 2.57 X 2.1 in)
Weight	1.1 kg (2.4 lb.)
Battery	4 X AAA (included)
Agency Approval	 

Accessories Included: Carrying case, USB cable, user manual and download Suite CD.

TMA40-A Application

