

## AN300 Series Large Vane CFM/CMM Thermo-Anemometers



Extech's 4" (10cm) Large Vane Thermo-Anemometer series allows for more precise readings on larger size ducts. Each meter simultaneously displays Airflow or Air Velocity and Temperature. Choose models that also measure Air Volume, Humidity & Carbon Dioxide (CO<sub>2</sub>).

### Applications:

- HVAC
- Manufacturing
- Engineering
- Appliance Testing
- Research and Design
- and more!



### Common Features

- Measure Air Velocity and Air Flow
- Built-in thermistor for air temperature
- Multipoint and timed average calculations
- Min/Max, Data Hold, and Auto power off
- Optional Air Flow Cone Kit (AN300-C):  
8.26" (210mm) round and 13.6" (346mm) square
- Complete with four AAA batteries and hard case

### Model AN310 Additional Functions:

- Measures Relative Humidity, Wet Bulb and Dew Point

### Model AN320 Additional Functions:

- Measures Relative Humidity, Wet Bulb and Dew Point
- Carbon Dioxide (CO<sub>2</sub>) measurement

| Specifications     | AN300                                   | AN310                     | AN320                     |
|--------------------|-----------------------------------------|---------------------------|---------------------------|
| m/s                | 0.2 to 30m/s                            | 0.2 to 30m/s              | 0.2 to 30m/s              |
| ft/min             | 40 to 5900ft/min                        | 40 to 5900ft/min          | 40 to 5900ft/min          |
| Accuracy           | ±1.5%                                   | ±1.5%                     | ±1.5%                     |
| CFM/CMM            | 0 to 99999                              | 0 to 99999                | 0 to 99999                |
| Temperature        | -4 to 140°F (-20 to 60°C)               | -4 to 140°F (-20 to 60°C) | -4 to 140°F (-20 to 60°C) |
| Accuracy           | ± (0.6°C)                               | ±1.1°F (0.6°C)            | ±1.1°F (0.6°C)            |
| Humidity           | —                                       | 0.1 to 99.9%RH            | 0.1 to 99.9%RH            |
| Accuracy           | —                                       | ±3%RH                     | ±3%RH                     |
| Wet Bulb           | —                                       | -4 to 140°F (-20 to 60°C) | -4 to 140°F (-20 to 60°C) |
| Dew Point          | —                                       | 23 to 140°F (-5 to 60°C)  | 23 to 140°F (-5 to 60°C)  |
| CO <sub>2</sub>    | —                                       | —                         | 0 to 9999ppm              |
| Dimensions/ Weight | 10.6x4.2x2" (269x106x51mm) / 7oz (200g) |                           |                           |

### Ordering

AN300..... Large Vane CFM/CMM Thermo-Anemometer  
 AN310..... Large Vane CFM/CMM Anemometer/Psychrometer  
 AN320..... Large Vane CFM/CMM Anemometer /Psychrometer + CO<sub>2</sub>  
 AN300-C..... Airflow Cone and Funnel Adapters



### AN300-C - Cone/Funnel Adapters

The meter has a cone and square preset. With this optional kit it would allow HVAC technicians to be freed from the hassle of calculating dimensions and allow for quick and easy air flow measurements for these common duct sizes.

