

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 (CO₂).

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 (CO₂) 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 ₂	—	—	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 + CO₂
 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.

