

# DT-8880

## Hot Wire Anemometer



The HOT WIRE ANEMOMETER makes a step forward for you into the field of precision measurement. Telescoping probe is ideal for measuring in HVAC ducts and other small vents; extends up to 40ft/min.

### Features

- Thermal anemometer, available for very low air velocity measurement.
- Slim probe, ideal for grilles & diffusers.
- Combination of hot wire and standard thermistor, deliver rapid and precise measurements
- Records maximum/minimum readings with recall & data hold.
- Microprocessor circuit assures maximum possible accuracy, provides special functions and features.
- Super large LCD display with backlight, reading the air velocity & temp. at the same time.
- The portable anemometer provides fast, accurate readings, with digital readability
- Multi-functions for air flow measurement: m/s, km/h, ft/min, MPH, Knots & build in temperature °C / °F
- Thermistor sensor for Temperature measurement, fast response time.
- Applications: Environmental testing, Air conveyors, Flow hoods, Clean rooms, Air velocity, Air balancing, Fans/motors/blowers, Furnace velocity, Refrigerated case and Paint spray booths.

### Specifications

Air Velocity	Range	Resolution	Accuracy
m/s (meter per second)	0.1~25.0m/s	0.01m/s	±5%±0.1m/s
km/h(kilometers per hour)	0.3~90.0km/h	0.1km/h	±5%±0.1km/h
ft/min(feet per minute)	20~4925ft/min	ft/min	±5%±1ft/min
MPH(miles per hour)	0.2~55.8MPH	MPH	±5%±0.1MPH
Knots(nautical miles per hour)	0.2~48.5knots	0.1knots	±5%±0.1knots
Air Temperature Range	0°C to 50°C (32°F to 122°F)	0.1°C/0.1°F	1°C/1.8°F

Size(HxWxD): 198mm x 78mm x 51mm    Accessories : 9V battery and Anemo probe, Gift box with carrying case.  
 Weight: 323g



High Quality Sensor

CE  
EMC  
EN: 61326

Model 8880

### DT-317/317B/318/318B Flexible Thermo-Anemometers

#### Features

- 16" inch Gooseneck detector is easy to measure the hard-to-reach areas.
- High Sensitive and Accurate
- Easy-to-use design
- Double LCD digital display
- Low power consumption
- Data Hold and MAX Hold function
- Low battery indication



16" inch Gooseneck detector

#### Specifications

Air Velocity	Range	Resolution	Accuracy
m/s(meter per second)	1.0~30.00	0.01	±3%±0.20m/s
ft/min(feet per minute)	196~5900	1	±3%±40ft/min
km/h(kilometers per hour)	3.6~108.0	0.1	±3%±0.8km/h
MPH(miles per hour)	2.2~67.0	0.1	±3%±0.4MPH
Knots(nautical miles per hour)	1.9~58.0	0.1	±3%±0.4knots
Air Temperature	-10~60°C(14~140°F)	0.1°C/°F	± 2.0°C(4.0°F)
Air Flow	Range	Resolution	Area
CFM (317B/318B)	0-999900	0.1	0-999.9 ft <sup>2</sup>

Size(HxWxD): 163mm x 45mm x 34mm    Weight: 210g    Accessories : 9V battery and Anemo probe, Gift box with carrying case.



Model 317

Model 318