



Although this ANEMOMETER is a complex and delicate instrument, its durable structure will allow many years of use if proper operating techniques are developed. This is to be used for HVAC Applications and Air Ducts.

DT-3880 / DT-8880

HOT WIRE ANEMOMETER

- | Thermo 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 even at low air velocity
- | Records Maximum and Minimum readings with recall
- | Microprocessor circuit assures maximum possible accuracy, provides special functions and features
- | Super large LCD with dual function meter's display, read the air velocity & temp. at the same time
- | Records Maximum and Minimum readings with recall
- | Data Hold
- | Power supply by 9V battery
- | The portable anemometer provides fast, accurate readings, with digital readability and the convenience of a remote probe separately
- | Multi-functions for air flow measurement: m/s, km/h, ft/min, MPH, Knots
- | Build in temperature °C, °F measurement
- | Thermistor sensor for Temp. measurement, fast response time
- | Used the durable, long-lasting components, including a strong, light weight ABS-plastic housing case
- | Deluxe hard carry case

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Hot Wire Anemometer



Application

Environmental testing, Air conveyors, Flow hoods, Clean rooms, Air velocity, Air balancing, Fans/motors/blowers, Furnace velocity, Refrigerated Case, Paint spray booths.

General Specifications

Display	46.7mm x 60mm larger LCD display Dual function meter's display
Measurement	m/s (meters per second) km/h (kilometers per hour) ft/min (feet per minute) MPH (miles per hour) knots (nautical miles per hour) Temp. ---°C, °F Data hold
Memory	Maximum and Minimum with recall
Sampling	Approx.0.8 sec
Operating Temperature	0°C to 50 (32°F to 122°F)
Operating Humidity	Less than 80% RH
Power Supply	9V battery
Power Current	Approx. DC 60-90mA
weight	280g
Dimension	210mm x 75mm x 50mm
Accessories included	Hot wire sensor 9V battery

Technical Specifications

Air Velocity

Measurement	Range	Resolution	Accuracy
m/s	0.1-25.0m/s	0.01m/s	±(5%+1d) reading or ±(1%+1d) full scale
km/h	0.3-90.0km/h	0.1km/h	
ft/min	20-4925/min	1ft/min	
MPH	0.2-55.8 MPH	0.1MPH	
knots	0.2-48.5knots	0.1knots	

Notes : m/s-meters per second km/h-kilometers per hour
ft/min-feet per minute MPH-miles per hour
knots-nautical miles per hour

Temperature

Measuring Range	0°C to 50 (32°F to 122°F)
Resolution	0.1°C/0.1°F
Accuracy	+1°C/1.8°F