



## Product Datasheet

Stock No: 193-8699

# Hotwire Anemometer

English

EN



## **Introduction**

Your purchase of this HOT WIRE ANEMOMETER makes a step forward for you into the field of precision measurement.

Although this ANEMOMETER is a complex and delicate instrument, its durable structure will allow many years of use if proper operating techniques are developed.

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

Accessories :

9V battery and Anemo probe, power adaptor, Gift box with carrying case.

## General Specifications

Display	46.7mm × 60 mm 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°C (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 × 75mm × 50mm
Accessories included	Hot wire sensor 9V battery

## Electrical Specifications

Air Velocity			
Measurement	Range	Resolution	Accuracy
m/s	0.1 ~ 25.0m/s	0.01m/s	± (5% + 1d)reading
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°C (32°F to 122°F )		
Resolution	0.1°C/0.1°F		
Accuracy	± 1°C/1.8°F		