

## Anemometer With Temperature



### Description:

The model H400 is an easy to use anemometer with temperature meter. It is the perfect meter for measuring both wind speed and temperature.

### Features:

- Measure both temperature and air flow
- Selectable °C & °F measurements
- Displays air flow in m/s, km/h, mph, knots & ft/min
- Two year warranty
- Air velocity range: 0.9 to 55.9mph
- Temperature range: 32 to 122 °F (0 to 50 °C)

### Applications:

- HVAC
- Energy audits
- Environmental experiments
- Building maintenance
- Agriculture
- Science experiments



WARRANTY



### Specifications:

Display	5 Digit LCD with bar graph indicator	
Unit of Measurement	m/s ( meters per second) km/h (kilometer per hour) ft/ min (feet/per minute) knots (nautical miles per hour) mph (mile/h, miles per hour) Temp. (°C, °F)	
Sensor Structure	Air velocity sensor: Conventional twisted vane arm and low friction ball bearing design	
	Temperature sensor: Precision thermistor	
Sampling Time of Data Logger	Manual	Pushing the data logger button once will save data one time
	Auto	1, 2, 10, 30, 60, 600, 1800, 3600 seconds
Over Range Indicator	“ _ _ _ _ ”	
Data Hold	Display freeze	
Memory	Saves MAX. or MIN values with recall	
Sampling Time	Approximately 0.8 seconds	
Power Off	Auto or manual control	
Data Output	RS-232 Serial data output	
Operating Environment	32° to 122°F (0° to 50°C), <80% R.H.	
Power Supply	6 Pieces of DC 1.5V Batteries (UM4, AAA or equivalent)	
Weight (2approx. .)	0.85lbs. (387g)	
Dimensions (2approx. .)	Main instrument: 6.9 x 2.7 x 1.7” (174 x 68 x 42mm)	
	Sensor probe diameter: 2.8” (72mm)	



### Includes:

- Anemometer
- Vane probe
- Instructional manual
- Hard carrying case
- 1.5V battery

### Air Velocity:

m/s	Range	0.4 - 25.0m/s
	Resolution	0.1m/s (>10m/s) 0.01m/s (<10m/s)
	Accuracy*	+(2% + 0.2m/s)
km/h	Range	1.4 - 90.0km/h
	Resolution	0.1km/h
	Accuracy*	+(2% + 0.2m/s)
mph	Range	0.9 - 55.9mph
	Resolution	0.1mph
	Accuracy*	+(2% + 0.2m/s)
knots	Range	0.8 - 48.8knots
	Resolution	0.1knots
	Accuracy*	+(2% + 0.2m/s)
ft/ min	Range	80 - 4930ft/min
	Resolution	1ft/min
	Accuracy*	+(2% + 0.2m/s)

### Temperature:

Measuring Range	0° to 50°C / 32° to 122°F
Resolution	0.1°C / 0.1°F
Accuracy*	+0.8°C / 1.5°F



### This instrument conforms to:

- **EN61326:** Electrical equipment for measurement, control and laboratory use.
- **IEC61000-4-2:** Electrostatic discharge immunity test.
- **IEC61000-4-3:** Radiated, radio-frequency, electromagnetic field immunity test.
- **IEC61000-4-8:** Power frequency magnetic field immunity test.