

# Vane Anemometers

## Anemomaster™ Model 6810 series

Vane anemometers are an excellent choice for measuring turbulent airflows. The anemomaster 6810 series offers a 1% accuracy and is able to accurately measure airflows as low as 40 feet per minute.

### Applications

- HVAC Ventilation and Balancing
- Manufacturing Control
- Laboratory Control
- IAQ Investigation
- Industrial Hygiene Quality Control
- Flow Hood Monitoring

### Features & Benefits

- High Accuracy:  $\pm 1.0\%$  of reading
- Ultra low speed sensitivity, accurately measures airflow as low as 40 feet per minute.
- Measures temperature from -22 to 212F
- Measures relative humidity from 5.0 to 95% RH
- Analog output or USB PC communication is available as an option
- The instrument is durable with a sturdy metal probe and vane
- Protective rubber boot option available
- The unit is a high performance instrument, but has a contractor-friendly low cost
- Long lasting battery maximizes technician efficiency
- Intuitive user interface design



Choice of 2.75" or 1" Vane Head



NEW: Thermal Probes

Each temperature probe utilizes a high-quality, Pt100 resistance element; with accuracy per IEC class B. Handles are made from ABS and are 100mm long and are rated to 90C. Probes have coiled 1-meter long polyurethane cables.

## Specifications

Model		6812	6813	6815
Air Velocity	Probe AP275	40 to 7800 FPM (0.2 to 40 m/s)		
	Probe AP100	60 to 6800 FPM (0.3 to 35 m/s)		
	Accuracy	±1.0% of Reading ±1 digit		
	Resolution	1 FPM or 0.01 m/s		
Temperature	Air Vel. Probe	-	-22 to 212 F (-30 to 100C)	
	Optional Temp Probe	-	-139 to 392 F (-95 to 200C)	
	Accuracy	-	±0.3°C ±0.2% of Reading in °C	
	Resolution	-	0.1 F or 0.1°C (1 F below -99.9 F)	
Relative Humidity	Range	-		5.0 to 95.0 %RH
	Accuracy	-		±2.0 %RH
	Resolution	-		0.1 %RH
Display		0.5 inch LCD, 4 digits with LED Backlight		
Operating Temperature		Instrument: 32 to 125F (0 to 50C)		
		Probe: -4 to 212F (-20 to 100C)		
Power Supply		3 AA Alkaline Batteries		
Operating Time (Battery)		Approximately 150 hours		
Dimensions	Instrument	W 3.2 x D 1.5 x H 6.5 inches (8.2 x 3.8 x 16.5 cm)		
	Probe AP275	2.75 inch diameter		
	Probe AP100	1.00 inch diameter		
	RH/Temp Probe	-		6 inch x 1 inch diameter
Standard Accessories		<ul style="list-style-type: none"> <li>1 x Rotating Vane Probe Head, your choice of AP275 or AP100</li> <li>HTP 201 combination RH / Temp Probe (available for 6815)</li> <li>Extension Rod w/ Handle Grip, Flexible Rod</li> <li>3 x AA 1.5V Alkaline Batteries, Operation Manual, Carrying Case</li> </ul>		
Optional Accessories		<ul style="list-style-type: none"> <li>Protective Rubber Boot and Splash-Proof Seal</li> <li>USB Communications</li> <li>RS232 Communications</li> <li>Analog 0 to 5 Volt output</li> <li>Additional Probe AP100 or AP275</li> <li>Extra extension and/or flexible Rods</li> <li>Custom Cable Lengths</li> <li>Immersion RTD Temperature Probe (available for 6813 and 6815)</li> <li>Surface RTD Temperature Probe (available for 6813 and 6815)</li> <li>Air RTD Temperature Probe (available for 6813 and 6815)</li> </ul>		

Specifications are subject to change without notice.



**KANOMAX**  
The Ultimate Measurements

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