

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 212°F
- 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"> 1 x Rotating Vane Probe Head, your choice of AP275 or AP100 HTP 201 combination RH / Temp Probe (available for 6815) Extension Rod w/ Handle Grip, Flexible Rod 3 x AA 1.5V Alkaline Batteries, Operation Manual, Carrying Case 		
Optional Accessories		<ul style="list-style-type: none"> Protective Rubber Boot and Splash-Proof Seal USB Communications RS232 Communications Analog 0 to 5 Volt output Additional Probe AP100 or AP275 Extra extension and/or flexible Rods Custom Cable Lengths Immersion RTD Temperature Probe (available for 6813 and 6815) Surface RTD Temperature Probe (available for 6813 and 6815) Air RTD Temperature Probe (available for 6813 and 6815) 		

Specifications are subject to change without notice.



KANOMAX