

Anemomaster™ Model 6810 Series

Rotating Vane Digital Anemometer

Features:

- High Accuracy from 40 to 7800 feet per minute
- 2 sizes of vane heads are available for user's applications
- Low velocity measurement is available for 1.0 inch vane sensor
- Industrial grade enclosure and metal vane probe
- Large display with backlight
- Data HOLD, Record and recall MAX / MIN / AVG
- Complete with metal vane sensor (choice of AP275 or AP100) with 5 ft long cable, extension rod with handle grip, flexible extension rod, 3 pc. AA batteries, carrying case, and NIST-Traceable calibration certificate



Specifications	6812		6813		6815	
Model	6812		6813		6815	
Air Velocity Ranges	2.75" Head	1.00" Head	2.75" Head	1.00" Head	2.75" Head	1.00" Head
ft/min	40 to 7800	100 to 6800	40 to 7800	100 to 6800	40 to 7800	100 to 6800
m/s	0.20 to 40.0	0.50 to 34.5	0.20 to 40.0	0.50 to 34.5	0.20 to 40.0	0.50 to 34.5
Resolution	1 FPM or 0.01 m/s		1 FPM or 0.01 m/s		1 FPM or 0.01 m/s	
Air Flow CFM (ft³/min)	0 to 9999		0 to 9999		0 to 9999	
Temperature Ranges	n/a		-22 to 212°F (-30 to 100°C)		-139 to 392°F (-95 to 200°C) *with HTP202	
Accuracy	n/a		+/- 0.1°F (0.1°C)		+/- 0.1°F (0.1°C)	
Relative Humidity Ranges	n/a		n/a		5.0 to 95.0 %RH	
Accuracy	n/a		n/a		+/- 2.0 %RH	
Power Supply	3 x AA Batteries		3 x AA Batteries		3 x AA Batteries	
Dimensions	W3.2" x H6.5" x D1.5"		W3.2" x H6.5" x D1.5"		W3.2" x H6.5" x D1.5"	
Weight	0.95 lbs (430 g)		0.95 lbs (430 g)		1.1 lbs (500 g)	

Air Velocity Probes							Humidity & Temp. Probe	
Model	AP275	APT275	AP100	APT100	AP100-LOW	APT100-LOW	Model	HTP202
Air Velocity	40 to 7800		300 to 6800		100 to 3000		Relative Humidity	5.0 to 95.0 %RH
ft/min	40 to 7800		300 to 6800		100 to 3000		Range	5.0 to 95.0 %RH
m/s	0.2 to 40.0		1.5 to 34.5		0.5 to 15.2		Resolution	0.1 %RH
Accuracy	+/- 0.25% FS + 0.75% reading + 1 digit		+/- 0.25% FS + 0.75% reading + 1 digit		+/- 0.25% FS + 0.75% reading + 1 digit		Accuracy	+/- 2.0 %RH
Temperature	-4 to 212		-4 to 212		-4 to 212		Temperature	-139 to 392
°F	n/a	-4 to 212	n/a	-4 to 212	n/a	-4 to 212	°F	-139 to 392
°C	n/a	-20 to 100	n/a	-20 to 100	n/a	-20 to 100	°C	-95 to 200
Accuracy	n/a	+/- 0.1°F (0.1°C)	n/a	+/- 0.1°F (0.1°C)	n/a	+/- 0.1°F (0.1°C)	Accuracy	+/- 0.1°F (0.1°C)

2.75 inch Air Velocity Probe



1 inch Air Velocity Probe



Humidity & Temp. Probe



Accessories

- 10215:** Analog Output
- 10216:** USB Output
- 10217:** RS232C Output
- 10227:** Splash-proof Rubber Boot and Seal
- 10195:** 10' Rigid Extension Rod
- 10196:** 10' Flexible Extension Rod
- 10052:** 5' Cable for Air Probe*
- 10059:** 5' Cable for Air & Temp. Probe*
- 6004:** Carrying Case

* Additional cable lengths available