

General Characteristics of Kanomax Anemomaster 6810 Anemometer

The Kanomax Anemomaster 6810 Anemometer is a Rotating Vane Digital Anemometer.
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 inch vane sensor.
Industrial grade enclosure and metal vane probe.
Large display with backlight.
Data HOLD, Record and recall MAX / MIN / AVG.
Includes metal vane sensor (choice of AP275 or AP100) with 5 ft long cable, extension rod with handle grip, flexible extension rod, 3 pcs. AA batteries, carrying case, and NIST-Traceable calibration certificate

Specifications of Kanomax Anemomaster 6812

Air Velocity, Airflow Rate Measurement.
Includes: Meter, Operation Manual, Handheld Unit, Probe, and Probe Cable, Carrying Case, Batteries, 3 Rigid Rods, 1 Flex Rod, and NIST Certificate.
Features: High Accuracy +/- 1.0% of reading, 40 fpm of Air Velocity sensitivity, Store up to 10 duct sizes, Analog Voltage and PC Communication output option.

Specifications of Kanomax Anemomaster 6813

Air Velocity, Airflow Rate, Temp Measurement.
Includes: Meter, Operation Manual, Handheld Unit, Probe, and Probe Cable, Carrying Case, Batteries, 3 Rigid Rods, 1 Flex Rod, and NIST Certificate.
Features: High Accuracy +/- 1.0% of reading, 40 fpm of Air Velocity sensitivity, Temp. Measurements from -22 to 212F, Analog voltage and PC Communication output option, Rugged Metal Probe and Vane.

Specifications of Kanomax Anemomaster 6815

Air Velocity, Airflow Rate, Temp, Humidity Measurement.
Includes: Meter, Operation Manual, Handheld Unit, Probe, and Probe Cable, Carrying Case, Batteries, 3 Rigid Rods, 1 Flex Rod, and NIST Certificate.
Features: High Accuracy +/- 1.0 % of reading, 40 fpm of Air Velocity sensitivity, Temp. Measurements from -22 to 212F, Measure Relative Humidity from 5.0 to 95 % RH, Analog Voltage and PC Communication output option, Rugged Metal Probe and Vane, Protective Rubber Boot Option.



Product Applications of Kanomax Anemomaster 6810 Anemometer



The Kanomax Anemomaster 6810 Anemometer can be used for a wide variety of Air Velocity and Temperature measurements.
The Kanomax Anemomaster 6810 Anemometer is recommended for HVAC Ventilation, Testing and Balancing, Manufacturing Control, Laboratory Control, Fume Hood Performance Testing, IAQ Investigation and Industrial Hygiene Quality Control. It is easy to use and very light to carry.

Warranty of Kanomax Anemomaster 6810 Anemometer

The VentDepot Anemomaster 6810 Anemometer, by Kanomax has a 1 year manufacturer's warranty.



Technical Characteristics of Kanomax Anemomaster 6810 Anemometer


VentDepot Item #	Kanomax Model No	Description	Air Velocity 2.75" Head		Air Velocity 1" Head		Weight		Size (L,W,H)	
			fpm	m/s	fpm	m/s	(lbs)	(kg)	(in)	(cm)
USA68-001	6812	Vane Anemomaster AP Velocity / Volume Includes: Operation manual, Meter, Probe, Probe cable, Batteries 3 rigid rods, 1 flex rod, Carrying case, NIST certificate	40-7800	0.20 – 40	100-6800	0.50-35	1	0.43	2, 3, 7	4, 8, 16
USA68-002	6813	Vane Anemomaster APT Velocity / Temperature Includes: Operation manual, Meter, Probe, Probe cable, Batteries 3 rigid rods, 1 flex rod, Carrying case, NIST certificate	40-7800	0.20 – 40	100-6800	0.50-35	1	0.43	2, 3, 7	4, 8, 16
USA68-003	6815	Vane Anemomaster AP Velocity / Temp + RH Includes: Operation manual, Meter, Probe, Probe cable, Batteries 3 rigid rods, 1 flex rod, Carrying case, NIST certificate	40-7800	0.20 - 40	100-6800	0.50-35	1	0.50	2, 3, 7	4, 8, 16
Accessories										
USA68-004	6812-S	1.00" Vane Anemomaster Velocity / Volume	 <p>2.75 inch Air Velocity Probe</p>  <p>1 inch Air Velocity Probe</p>							
USA68-005	6813-S	1.00" Vane Anemomaster Velocity / Temperature								
USA68-006	6815-S	1.00" Vane Anemomaster Velocity / Temp + RH								
USA68-007	10215	Analog Output Option for 6812 and 6815								
USA68-008	10216	USB Output Option for 6812 and 6815								
USA68-009	10217	RS232 Output Option for 6812 and 6815								
USA68-010	10218	Analog & USB Output Option for 6812 and 6815								
USA68-011	10219	Analog & RS232 Output Option for 6812 and 6815								
USA68-012	10222	Analog Output Option for 6813								
USA68-013	10223	USB Output Option for 6813								
USA68-014	10224	Analog & USB Output Option for 6813								
USA68-015	10225	Analog & USB Output Option for 6813								
USA68-016	10226	Analog & RS232 Output Option for 6813								
USA68-017	10227	Splash-proof Rubber Boot and Seal for All Model								
USA68-018	AP275	2.75 inch Vane Air Probe Head for 6812 and 6815								
USA68-019	AP100	1.00 inch Vane Air Probe Head for 6812 and 6815								
USA68-020	APT275	2.75 inch Vane Air & Temp. Probe Head for 6813								
USA68-021	APT100	1.00 inch Vane Air & Temp. Probe Head for 6813								
USA68-022	HTP202	Humidity & Temp. Probe for 6815								
USA68-023	10052	5' Cable* for AP100/AP275 Air Probe for 6812 and 6815								
USA68-024	10059	5' Cable* for APT100 / APT275 Air Probe for 6813								
USA68-025	10195	10' Rigid Extension Rod								
USA68-026	10196	10' Flexible Extension Rod								
USA68-027	6004	Carrying Case								

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Product Specifications of Kanomax Anemomaster 6810 Anemometer						
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	300 to 6890	40 to 7800	300 to 6890	40 to 7800	300 to 6800
m/s	0.20 to 40.0	1.50 to 35	0.20 to 40.0	1.50 to 35	0.20 to 40.0	1.5 to 35
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 (ft/min)	0 to 9999		n/a		n/a	
Temperature Ranges	n/a		-4°F to 212°F		-4°F to 176°F with HTP202	
Accuracy	n/a		+/- (0.3C+ 0.2% of reading in C)		+/- (0.3C+0.2% of reading in 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)	

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Probe Specifications of Kanomax Anemomaster 6810 Anemometer								
Air Velocity Probes							Humidity & Temp. Probe	
Model	AP275	APT275	AP100	APT100	AP100-LOW	APT100-LOW	HTP202	
Air Velocity	2.75" Head		1.00" Head					
ft/min	50 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	+/- (1.0% Reading+1 digit)		+/-0.50% FS+0.75% Reading+1 digit		+/- 0.25% FS + 0.75% Reading + 1 digit		Accuracy	+/- 2.0 %RH
Temperature					Temperature			
°F	n/a	-4 to 212	n/a	-4 to 212	n/a	-4 to 212	°F	-4 to 176
°C	n/a	-20 to 100	n/a	-20 to 100	n/a	-20 to 100	°C	-20 to 80
Accuracy	n/a	+/- 0.3°C+0.2% of Reading in °C	n/a	+/- 0.3°C+0.2% of Reading in °C	n/a	+/- 0.1 F (0.1 °C)	Accuracy	+/- 0.3°C+0.2% of Reading in °C

RTD Temperature Probes				
Model	PT211	PT212	PT213	PT216
Type	Immersion RTD Temperature Probe	Air RTD Temperature Probe	Surface RTD Temperature Probe	Penetration RTD Temperature Probe
Temperature				
°F	Up to 1112	Up to 1112	Up to 572	Up to 1112
°C	Up to 600	Up to 600	Up to 300	Up to 600
Response Time	7 seconds	5 seconds	4 seconds	7 seconds
Dimensions	130mm long x 3mm diameter	130mm long x 3mm diameter	130mm long x 3mm diameter	130mm long x 3mm diameter
		<p>Each temperature probe utilizes a high-quality, Pt100 resistance element. All these probes have 100cm long coiled polyurethane cables. Accuracy according to IEC 751 class B Handles are made from ABS.</p>		



Short Description of Kanomax Anemomaster 6810 Anemometer

VentDepot Item No	Kanomax Model No.	Short Description 70 Characters Maximum
		1234567890123456789012345678901234567890123456789012345678901234567890
USA68-001	6812	Vane Anemomaster AP Velocity/Volume, fpm 40-7800, m/s 0.20-40.0
USA68-002	6813	Vane Anemomaster APT Velocity/Temperature, fpm 40-7800, m/s 0.20-40.0
USA68-003	6815	Vane Anemomaster AP Velocity/Temp+RelHumid fpm 40-7800, m/s 0.20-40.0
USA68-004	6812-S	1.00" Vane Anemomaster Velocity / Volume
USA68-005	6813-S	1.00" Vane Anemomaster Velocity / Temperature
USA68-006	6815-S	1.00" Vane Anemomaster Velocity / Temp + RH
USA68-007	10215	Analog Output Option for 6812and 6815
USA68-008	10216	USB Output Option for 6812 and 6815
USA68-009	10217	RS232 Output Option for 6812 and 6815
USA68-010	10218	Analog & USB Output Option for 6812 and 6815
USA68-011	10219	Analog & RS232 Output Option for 6812 and 6815
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USA68-015	10225	Analog & USB Output Option for 6813
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USA68-017	10227	Splash-proof Rubber Boot and Seal for All Model
USA68-018	AP275	2.75 inch Vane Air Probe Head for 6812 and 6815
USA68-019	AP100	1.00 inch Vane Air Probe Head for 6812 and 6815
USA68-020	APT275	2.75 inch Vane Air & Temp. Probe Head for 6813
USA68-021	APT100	1.00 inch Vane Air & Temp. Probe Head for 6813
USA68-022	HTP202	Humidity & Temp. Probe for 6815
USA68-023	10052	5' Cable* for AP100 / AP275 Air Probe for 6812 and 6815
USA68-024	10059	5' Cable* for APT100 / APT275 Air Probe for 6813
USA68-025	10195	10' Rigid Extension Rod
USA68-026	10196	10' Flexible Extension Rod
USA68-027	6004	Carrying Case

SEO Table of Kanomax Anemomaster 6810 Anemometer

Title
Anemomaster 6810 Anemometer, by Kanomax
Meta Description
Anemomaster 6810 Anemometer by Kanomax, Anemomaster 6810 Anemometer by Kanomax for Air Velocity measurements, Anemomaster 6810 Anemometer by Kanomax for Temperature measurements, Anemomaster 6810 Anemometer by Kanomax for HVAC Ventilation Testing and Balancing, Anemomaster 6810 Anemometer by Kanomax for Laboratory Control, Anemomaster 6810 Anemometer by Kanomax for Fume Hood Performance Testing, Climomaster A531 Anemometer, by Kanomax for IAQ Investigation, Anemomaster 6810 Anemometer by Kanomax for Industrial Hygiene Quality Control, Anemomaster 6810 Anemometer by Kanomax for Flow Hood Monitoring
Meta Key Words
Anemomaster 6810 Anemometer by Kanomax, Anemomaster 6810 Anemometer by Kanomax for Air Velocity measurements, Anemomaster 6810 Anemometer by Kanomax for Temperature measurements, Anemomaster 6810 Anemometer by Kanomax for HVAC Ventilation Testing and Balancing, Anemomaster 6810 Anemometer by Kanomax for Laboratory Control, Anemomaster 6810 Anemometer by Kanomax for Fume Hood Performance Testing, Climomaster A531 Anemometer, by Kanomax for IAQ Investigation, Anemomaster 6810 Anemometer by Kanomax for Industrial Hygiene Quality Control, Anemomaster 6810 Anemometer by Kanomax for Flow Hood Monitoring
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