

Multi-Channel Anemomaster

Real-Time Air Flow Monitoring System

Models 1550 and 1560 are the most advanced multichannel anemometers offered by Kanomax. These systems are capable of measuring many channels simulatenously and are capable of measuring temperature and relative humidity as well as airflow.

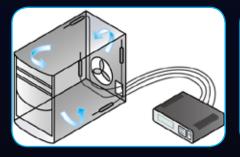
Features & Benefits

- Flexibility in system configuration means greater freedom, simplicity, and efficiency
- One unit of model 1550 holds up to 64 channels
- Over 13 compatible probes in a variety of shapes and configurations
- Combine modules as needed to design the perfect customized multi-channel system for your specific application
- Expandable system: more modules can be added as needed

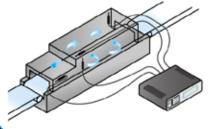
Applications

- Evaluate cooling efficiency in the electronic device
- Aerodynamics Research
- Production Control
- Product Development





Test thermal cooling properties of computer cases and PCB boards



Provide a real-time, complete picture of airflow characteristics in your production line or add an analog output module to the unit to facilitate automation



Automotive applications include R&D wind resistance testing and cabin cooling and heating efficiency

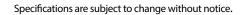
Main Unit Specifications					
Model	1550	1560			
Air Velocity Ranges	Varies by probe, see below for probe specifications				
Resolution	0.01 m/s				
Temperature Ranges	Varies by probe, see below for probe specifications				
Resolution	0.1℃				
Relative Humidity Ranges	Varies by probe, see below for probe specifications				
Resolution	0.1% RH				
Interface	RS232C for PC Connection & Cascade Option				
Interrace	Centronics for Printer Output				
Analog Output	0 to 5V *Option with D/A Module				
Power Supply	AC Adapter				
Dimensions	19.6" x 5.5" x 16.9"	8.9" x 5.5" x 12.8"			
Weight	22 lbs (10 kg)	11 lbs (5 kg)			



Probe	Probe Specifications					
Model	Probe Type	Velocity Range	Temp. Range	RH Range	Primary Feature	
0962-00	Uni-Directional	20-9840 fpm (0.10-50.0 m/s)	n/a	n/a	tip is designed so it can easily be mounted in place	
0963-00	Uni-Directional	20-9840 fpm (0.10-50.0 m/s)	n/a	n/a	basic probe	
0965-00	Omni-Directional	20-4920 fpm (0.10-25.0 m/s)	n/a	n/a	spherical-tip probe with horn	
0965-01	Omni-Directional	20-4920 fpm (0.10-25.0 m/s)	n/a	n/a	spherical-tip probe (no horn)	
0965-03	Omni-Directional	20-4920 fpm (0.10-25.0 m/s)	n/a	n/a	miniature i-shaped probe	
0965-04	Omni-Directional	20-4920 fpm (0.10-25.0 m/s)	n/a	n/a	miniature L-shaped probe	
0965-07	Omni-Directional	20-4920 fpm (0.10-25.0 m/s)	n/a	n/a	miniature i-shaped probe, with independent temperature compensation	
0965-08	Omni-Directional	20-4920 fpm (0.10-25.0 m/s)	n/a	n/a	miniature L-shaped probe, with independent temperature compensation	
0965-09	Omni-Directional	20-9840 fpm (0.10-50.0 m/s)	n/a	n/a	spherical-tip probe, 80mm long	
0965-10	Omni-Directional	20-9840 fpm (0.10-50.0 m/s)	n/a	n/a	spherical-tip probe, 400 mm long	
0962-21	Uni-Directional	20-9840 fpm (0.10-50.0 m/s)	32-212°F (0-100°C)	n/a	tip is designed so it can easily be mounted in place, with temp. sensor	
0963-21	Uni-Directional	20-9840 fpm (0.10-50.0 m/s)	32-212°F (0-100°C)	n/a	basic probe with temp. sensor	
0965-21	Omni-Directional	20-9840 fpm (0.10-50.0 m/s)	32-212°F (0-100°C)	n/a	spherical-tip probe with temp. sensor	
0963-31	Uni-Directional	20-9840 fpm (0.10-50.0 m/s)	32-212°F (0-100°C)	5.0-95.0%	basic probe with temp. & RH sensors	
0965-31	Omni-Directional	20-9840 fpm (0.10-50.0 m/s)	32-212°F (0-100°C)	5.0-95.0%	spherical-tip probe with temp. & RH sensors	

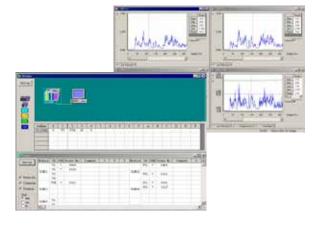


Module Specifications # of Model **Module Type** Channels Air velocity 4 1504 Air Velocity, 2 **Temperature** 1511 Air Velocity, Temperature, 1 Humidity 1512 **Analog Output** 1 1510

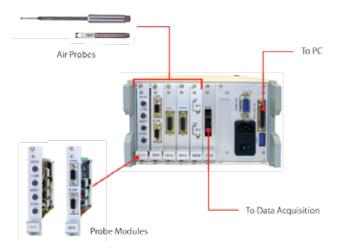




Model 1550 holds 16 modules Model 1560 holds 6 modules



Optional software allows real-time graphing of multiple channels and simple data management



A basic example of a complete multi-channel system



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