Multi-Channel Anemomaster

Real-Time Air Flow Monitoring System

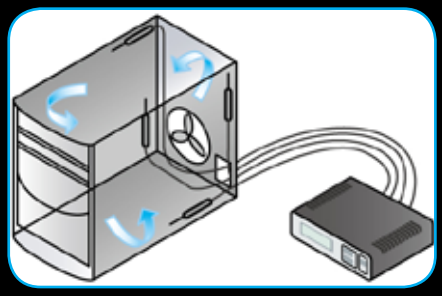
Models 1550 and 1560 are the most advanced multi-channel anemometers offered by Kanomax. These systems are capable of measuring many channels simulatenously and are capable of measuring temperature and relative humidity as well as airflow.

Features & Benefits

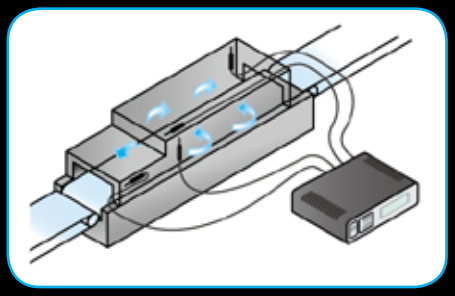
- Flexibility in system configuration means greater freedom, simplicity, and efficiency
- One unit of model 1550 holds up to 64 channels
- Over 13 compatible probes in a variety of shapes and configurations
- Combine modules as needed to design the perfect customized multi-channel system for your specific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

Applications

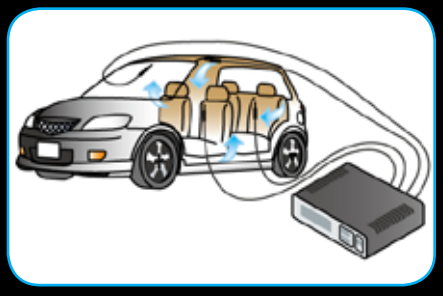
- Evaluate cooling efficiency in the electronic device
- Aerodynamics Research
- Production Control
- Product Development



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°C	
Relative Humidity Ranges	Varies by probe, see below for probe specifications	
Resolution	0.1% RH	
Interface	RS232C for PC Connection & Cascade Option	
	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 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

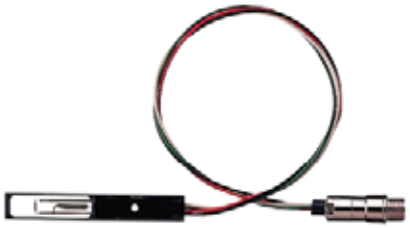
0963-00

0965-00 (80mm long w/horn)
0965-01 & -09 (80mm long)
0965-10 (400 mm long)

0963-21

0965-03 0965-04

0965-07 0965-08



0962-00 &
0962-21

0963-31

0965-21

0965-31

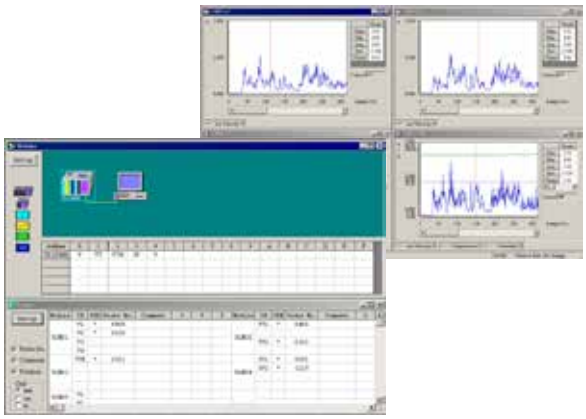
green = velocity blue = velocity & temperature red = velocity, temperature & relative humidity

Module Specifications

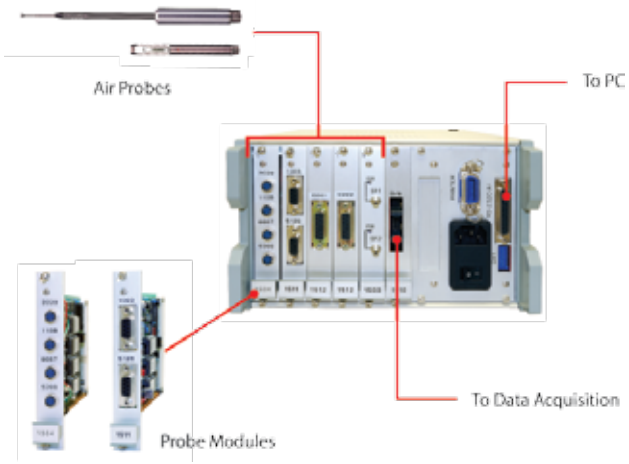
Model	Module Type	# of Channels
 1504	Air velocity	4
 1511	Air Velocity, Temperature	2
 1512	Air Velocity, Temperature, Humidity	1
 1510	Analog Output	1

Specifications are subject to change without notice.

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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