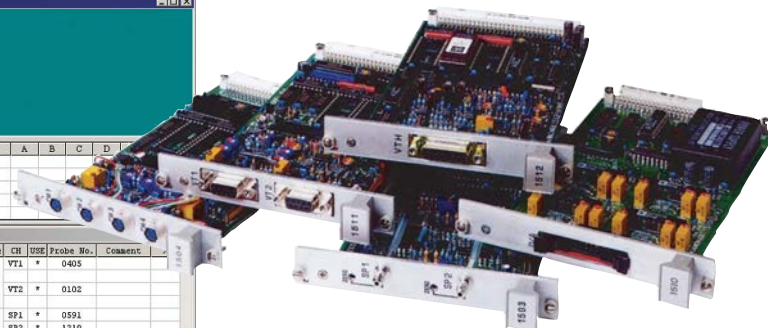
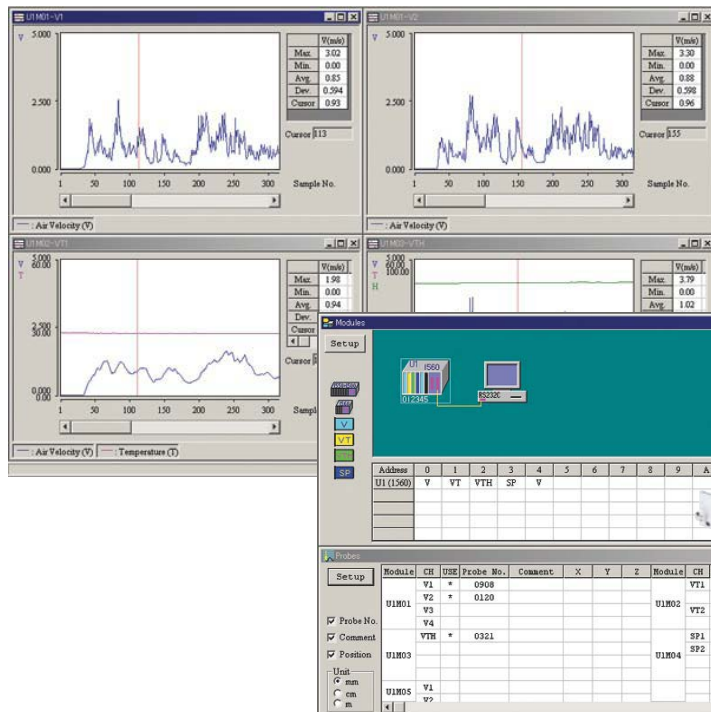


Digitron

MULTI-CHANNEL ANEMOMASTER

Real-Time Air Quality Monitoring System

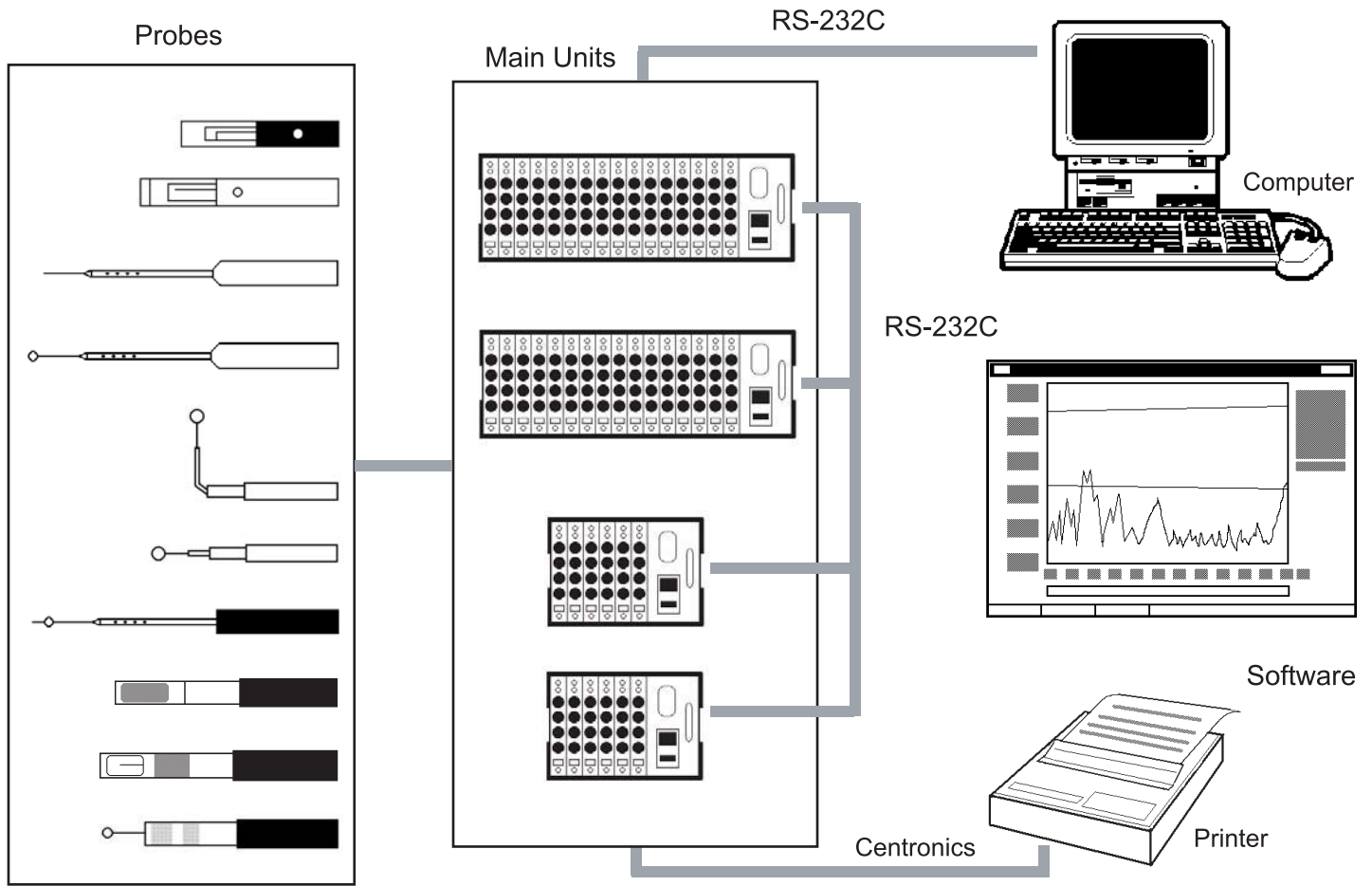
System 6242 (Model 1550)
System 6243 (Model 1560)



With Data Management Software for Windows

UNEQUALLED VERSATILITY

- ◆ Flexible multi-channel configuration.
- ◆ Expandable up to 320 channels.
- ◆ Large variety of probes.
- ◆ Real-time monitoring with a central computer.
- ◆ Air velocity, temperature, humidity, and pressure measurements.
- ◆ Accuracy ensured by temperature compensation.



MAIN UNITS

One unit of Model 1550 has 64 channels for air velocity. For a larger system, connect up to 5 units in a cascade and add a computer for control. It makes a total of 320 channels. Flexibility in system configuration means greater freedom, simplicity, and efficiency in measurement.

**The number of channels is determined by modules to be used.*



Model 1550 with 16 Module Slots



Model 1560 with 6 Module Slots

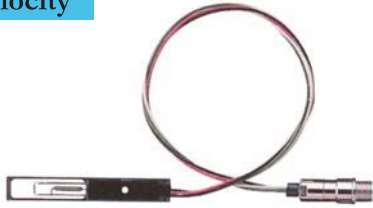
Large Liquid Crystal Display with Backlight shows measurement from each module. It displays 4 channels simultaneously for the velocity module, 2 for the velocity/ temperature module, and one for the velocity/ temperature/ humidity module. In Auto Mode the display changes every 2 seconds.

Select probes with the function and shape best suited for your measurement.

PROBES

Select from 11 types of probes. Each probe comes with its own calibration data stored in a ROM to keep interchangeability with other probes and ensure precision. It also eliminates downtime for calibration. Probe cable is extendable if the resistance is kept less than 2 ohms for each pin. For example, a cable with the cross section of 0.001162 square inches (0.75mm²) can be approximately 295 feet long (90m). Select from optional 32-, 65-, 98-foot extension cords (10, 20, and 30m).

Velocity



Model 0962-00 Caramel
V: 20 - 9,840 fpm (0.1 - 50 m/s)



Model 0963-00 A-200 (Rod)
V: 20 - 9,840 fpm (0.1 - 25 m/s)



Model 0964-01/02 Omni-directional
V: 20 - 4,920 fpm (0.1 - 25 m/s)



Model 0965-00/01 Spherical
V: 20 - 4,920 fpm (0.1 - 25 m/s)

Velocity & Temperature



Model 0962-21 Caramel
V: 20 - 9,840 fpm (0.1 - 50 m/s)
T: 32 - 212°F (0 - 100°C)



Model 0963-21 A-200 Rod
V: 20 - 9,840 fpm (0.1 - 50 m/s) T: 32 - 212°F (0 - 100°C)



Model 0965-21 Spherical
V: 20 - 4,920 fpm (0.1 - 25 m/s) T: 32 - 212°F (0 - 100°C)

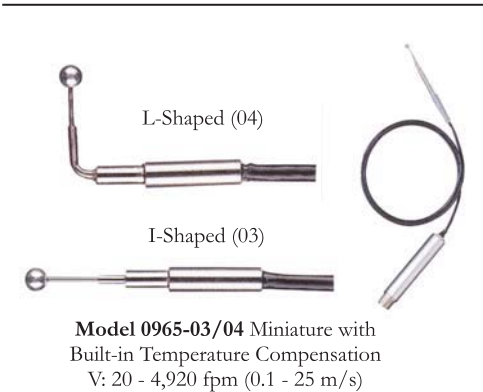
Velocity, Temperature, & Humidity



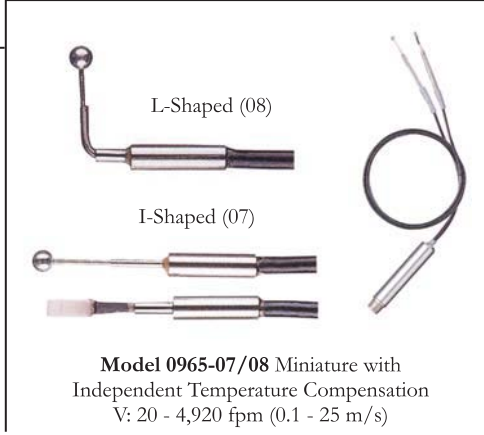
Model 0963-31 A-200 Rod
V: 20 - 9,840 fpm (0.1 - 50 m/s) T: 32 - 140°F (0 - 60°C)
H: 5 - 95%RH



Model 0965-31 Spherical
V: 20 - 9,840 fpm (0.1 - 50 m/s) T: 32 - 140°F (0 - 60°C)
H: 5 - 95%RH



Model 0965-03/04 Miniature with Built-in Temperature Compensation
V: 20 - 4,920 fpm (0.1 - 25 m/s)



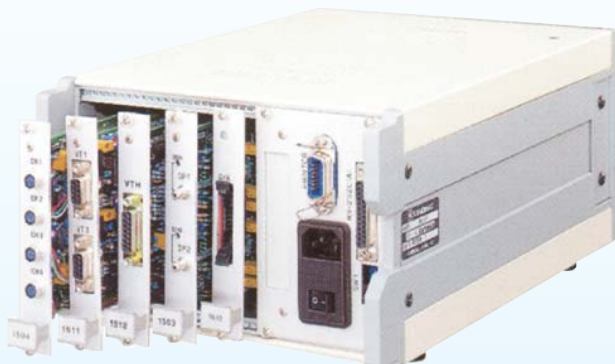
Model 0965-07/08 Miniature with Independent Temperature Compensation
V: 20 - 4,920 fpm (0.1 - 25 m/s)

MODULES

Five types of modules add more freedom to system configuration.

- ◆ 4-channel air velocity module Model 1504
- ◆ 2-channel air velocity and temperature module Model 1511
- ◆ 1-channel air velocity, temperature, and humidity module Model 1512
- ◆ Analog output module Model 1510

Combine these modules and design a multi-channel system freely. Add more modules whenever necessary.



Model 1504
V Module 4 ch.



Model 1511
VT Module 2 ch.



Model 1512
VTH Module 1 ch.



Model 1510
Analog Output Module

SOFTWARE

The 'Modules' window shows a setup diagram with a module labeled 'U1 (1560)' and an RS232C terminal. Below it is a table with columns for Address (0-9, A-F) and rows for V, VT, VTH, SP, and V.

Address	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
U1 (1560)	V	VT	VTH	SP	V											

The 'Probes' window shows a table of probe configurations:

Module	CH	USE	Probe No.	Comment	X	Y	Z	Module	CH	USE	Probe No.	Comment	X
U1M01	V1	*	0908					U1M02	VT1	*	0405		
	V2	*	0120						VT2	*	0102		
	V3												
	V4												
U1M03	VTH	*	0321					U1M04	SP1	*	0591		
									SP2	*	1210		
U1M05	V1												
	V2												

Multi-channel Data Management Software monitors real-time measurement from all channels, calculates data, plots them on graphs, and saves the data in the TEXT format for spreadsheet applications such as Microsoft Excel.

PC System Requirement

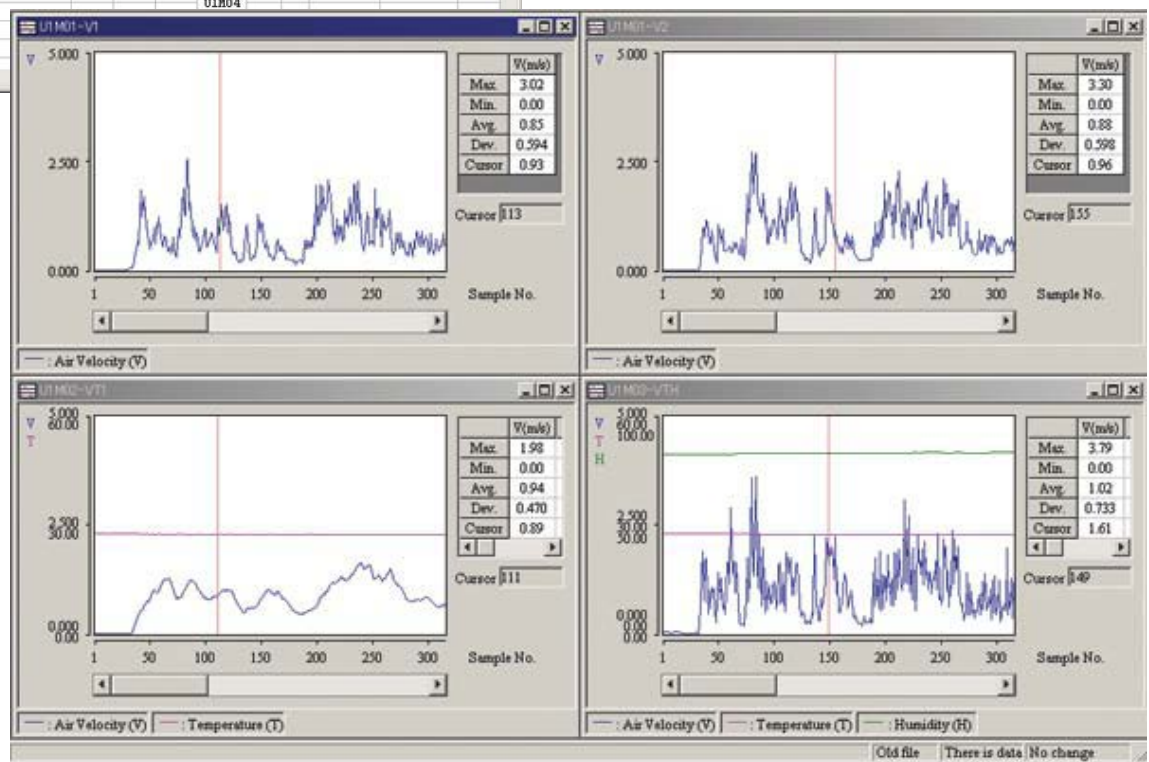
OS Microsoft Windows 95/98/Me/2000/XP

CPU Pentium 50MHz or better.

RAM 5MB or more available.

HDD 10MB or more available.

Data Transfer RS-232C terminal for connection.



For your safety, please read the operation manual before operating this instrument.