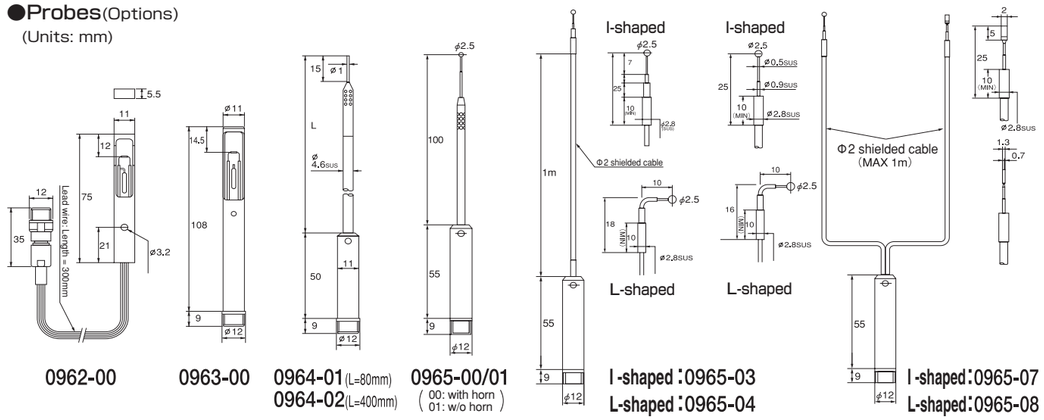
●Main Unit Specifications

Model name	6332D	6332
Measurement range	0.1 - 50 m/s (conforms to measurement range of probe)	
Display resolution	Display range and digit number vary depending on the output range setting. Output range setting: 0 - 2, 0 - 5, 0 - 10 m/s -> Display resolution: 0.01 m/s Output range setting: 0 - 25, 0 - 50 m/s -> Display resolution: 0.1 m/s	No display
Measurement accuracy	+/- (3% of indicated value + 0.1) m/s	
Temperature compensation range	5˚C to 40˚C: +/-5% FS 40˚C to 80˚C: +/-7% FS	
External output	Change the current output and voltage output with the internal switch. Output range varies depending on airflow range. Five ranges of air flow (0 - 2 m/s, 0 - 5 m/s, 0 - 10 m/s, 0 - 25 m/s, 0 - 50 m/s) Current output: 4 - 20 mA (Max. load resistance: 250 ohms) Voltage output: 0 - 5 V	
External dimensions	132 mm x 79 mm x 30 mm (height x width x thickness)	
Accessories	Main unit case, Operation manual	
Optional parts	Probes, Cables (2 m, 5 m, 10 m, 20 m, 30 m), AC adapter	

●Probes(Options)

(Units: mm)



●Probe Specifications

Probe model name	0962-00 0963-00	0964-01 0964-02	0965-00/0965-01 0965-03/0965-04 0965-07/0965-08
Measurement range	0.1 - 50.0 m/s	0.1 - 50.0 m/s	0.1 - 25.0 m/s
Response (at airflow of 1 m/s and response of 90%)	Approx. 1 sec	Approx. 3 sec	Approx. 7 sec
Options	Change in probe's airflow measurement ranges (Example: 0.1 - 25 m/s -> 0.1 - 50 m/s 0.1 - 50 m/s -> 0.1 - 5 m/s)		

■ Product specifications in this catalogue may change without prior notice.

⚠ATTENTION ●To use the units correctly and safely, read the Operation Manual carefully before use.

KANOMAX
The Ultimate Measurements

Kanomax Japan Inc.
2-1 Shimizu, Suita,
Osaka 565-0805 Japan
TEL: +81-6-6877-0183
FAX: +81-6-6877-5570
E-mail : sales@kanomax.co.jp
URL: www.kanomax.co.jp

Kanomax USA. Inc.
P.O.Box 372, 219 Route 206
Andover NJ 07821 U.S.A.
TEL: 1-800-247-8887
FAX: +1-973-786-7586
E-mail: info@kanomax-usa.com
URL: www.kanomax-usa.com

Specifications subject to change without prior notice

The contents in this catalogue as of November 2006.

KANOMAX

CAT.No.E6332-0J

New Proposal for Quality Improvement

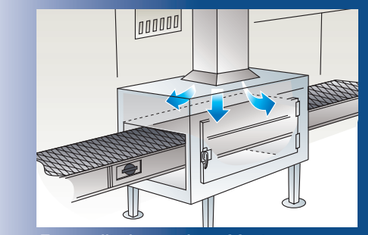
Air Flow Transducer

MODEL 6332D/6332

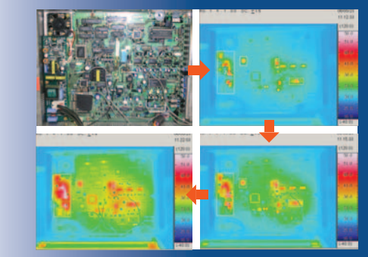
Quality Control Using Airflow

Air Flow Transducer

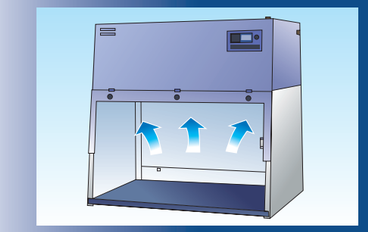
For Control/Monitoring of All Types of Air Currents



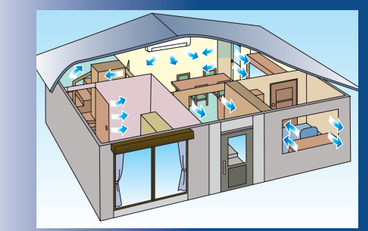
For quality inspection of factory production line



For evaluation of thermal measures for PCBs



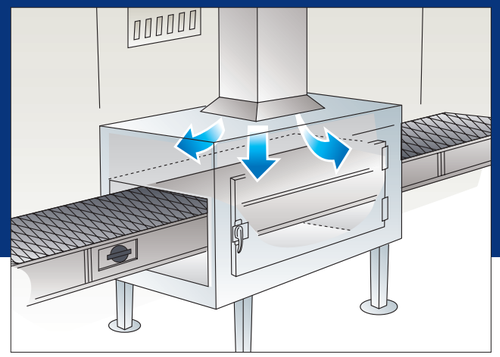
For air volume monitoring of local ventilation system/FFU



For 24-hour monitoring of in-house ventilation

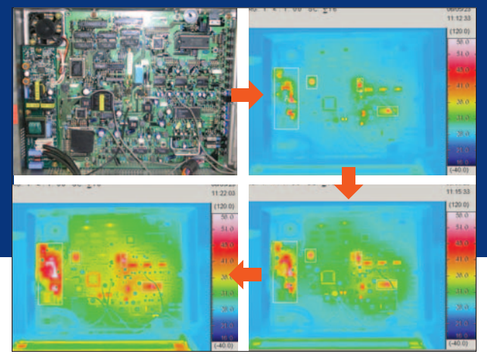
For monitoring/control of air velocity/air volumes... Use the KANOMAX products to improve your products.

■For quality inspection of factory production line



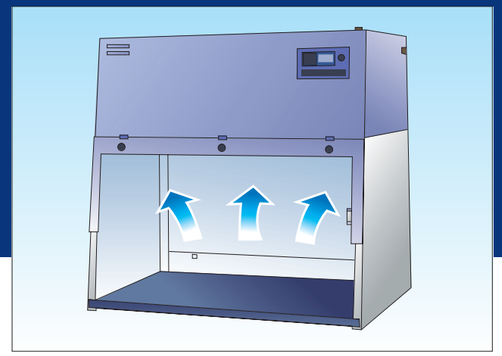
To maintain the quality of products, the KANOMAX transducer can be used to check whether constant airflows are maintained in the drying process or molding process and to perform full-time monitoring and control of airflow distribution.

■For evaluation of thermal measures for PCBs



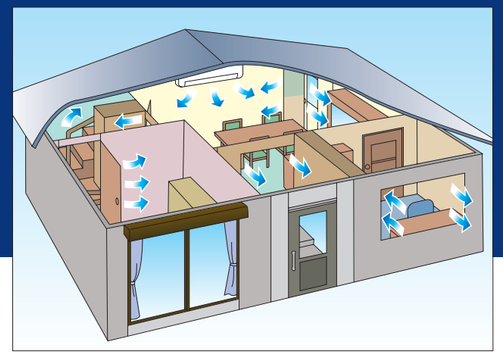
The KANOMAX transducer can be used to verify the cooling effect on electronic boards by measuring the airflow over the boards in conjunction with a thermography machine. Although the airflow probe is heated to + 50°C to 60°C above room temperature, it cannot be caught by the machine because it is a mirror object. (Source of photographs: NEC San-ei Instruments, Ltd.)

■For air volume monitoring of local ventilation system/FFU



The KANOMAX transducer will prevent personnel from being exposed to hazardous or dangerous materials during handling by monitoring and controlling the drainage flow volume from a draft chamber. In addition, it will prevent leakage of hazardous materials into the environment. Monitoring fluctuations in the airflow enables you to predict clogging and timing for FFU (fan filter unit) replacement.

■For 24-hour monitoring of in-house ventilation



Full-time ventilation requires an economic, efficient system. The KANOMAX transducer provides effective control to monitor the ventilation air volume in a house. The control balances the supply and discharge air volumes by increasing the air volume when the residents are home and decreasing the air volume when any windows are open.

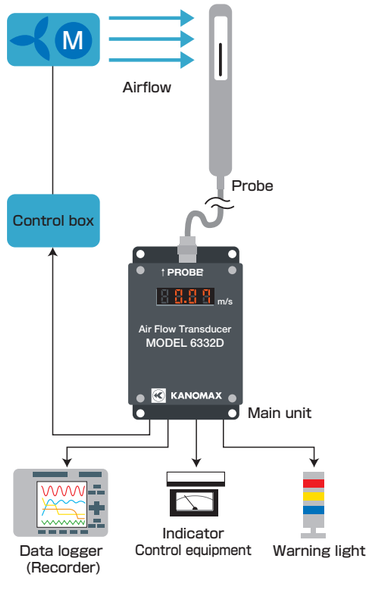
MODEL 6332D

MODEL 6332
w/o display type

Five Features

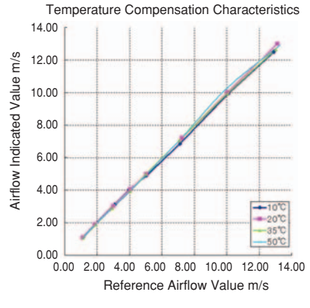
1. **Applicable for a wide range of applications with 10 types of compatible probes**
2. **Probes with a one-touch connector for easy installation**
3. **Quick recovery in case of an unexpected probe failure** (Refer to "Compatible Probe")
4. **Digital display for airflow check** (Model 6332D only)
5. **Switchable between current output and voltage output**

[Example of Measurement System]



Temperature Compensation Circuit

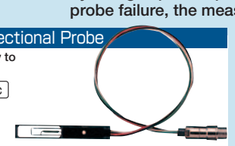
The KANOMAX airflow transducers employ a temperature compensation circuit to eliminate the effect on the indicated value even if the airflow temperature varies. The temperature compensation effect was verified with actual airflow temperatures by using a variable temperature wind tunnel (a wind tunnel facility that can vary the temperature of the airflow). Therefore, you can use the KANOMAX products even in places where the temperatures vary.



Compatible Probe

Ten types of probes are available for a wide range of needs. The compatibility of probes is realized by using a pair of probes and ROM while maintaining accuracy. In the event of an unexpected probe failure, the measurement can be continued after the probe and ROM are changed.

MODEL 0962-00 Directional Probe
Thin, lightweight probe. Easy to install via the screw hole.
Response: Approx. 1 sec
V: 0.1 - 50 m/s
Caramel type



MODEL 0963-00 Directional Probe
Made of a strong Φ12 SUS pipe and most suitable for ducts.
Response: Approx. 1 sec V: 0.1 - 50 m/s
A-200 type

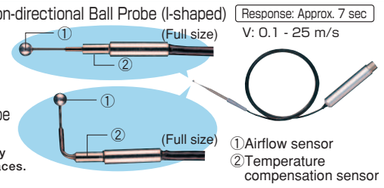
MODEL 0964-01/02 Non-directional Needle Probe
Two variations of Φ4.6 SUS pipe: L = 80 mm and L = 400 mm. Applicable for small diameter ducts.
Response: Approx. 3 sec V: 0.1 - 50 m/s

MODEL 0965-00/01 Non-directional Ball Probe
The type 00 with the horn, which enables more accurate measurement, and the type 01 without the horn are available.
Response: Approx. 7 sec V: 0.1 - 25 m/s

Miniature model with integrated temperature compensation sensor

MODEL 0965-03 Non-directional Ball Probe (I-shaped) Response: Approx. 7 sec
Micromini sensor for easy installation in narrow places.
V: 0.1 - 25 m/s

MODEL 0965-04
Non-directional Ball Probe (L-shaped)
L-shaped sensor for easy installation in narrow places.

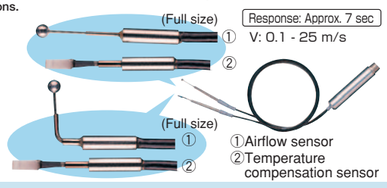


Miniature model with separate temperature compensation sensor

Since the temperature compensation and airflow sensors are separate, the two sensors can be installed in separate locations.

MODEL 0965-07
Non-directional Probe (I-shaped)
Response: Approx. 7 sec
V: 0.1 - 25 m/s

MODEL 0965-08
Non-directional Probe (L-shaped)

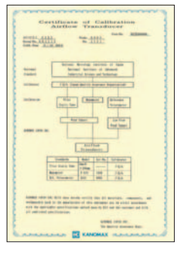


●Probe Cables Probe cables are available in 2 m, 5 m, 10 m, and 30 m lengths. Since the cable can be optionally extended by special order, it is applicable for measurement in remote locations.

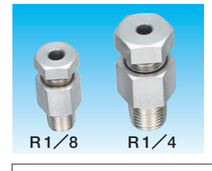
Traceability Certification

Airflow transducers must be calibrated periodically because the indicated values may shift due to pollution and/or deterioration of the sensor elements from aging. (The calibration periods vary depending on the conditions and frequency of use.) The KANOMAX airflow transducers are calibrated using a reference instrument that can be traceable based on national criteria/standards. Therefore, KANOMAX issues the Traceability Certificate (Traceability Systematic Diagram and Calibration Certificate), which proves compliance with national criteria/standards.

If you need the traceability certificate, please let us know when you purchase the product.



Compression Fitting (for Model 0964-02)



[Installation drawing]