

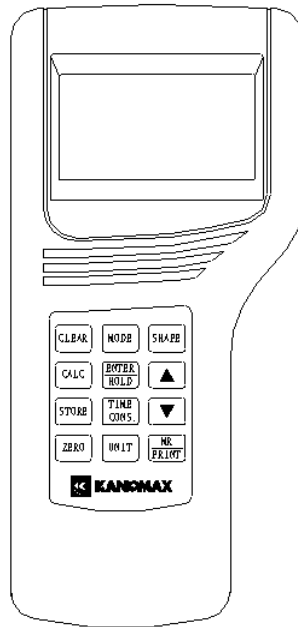


KANOMAX

ANEMOMASTER

MODEL A031/A041/A034/A044

Operation Manual



Read this manual carefully and understand the warnings described in this manual before operating the product.

Keep this manual handy for future reference.



02001

06.07

No. 603101

9. Specifications

Product		Anemomaster
Model		A031, A041, A034, A044
Measuring Object		Clean Air Flow
Measuring Range (Resolution)	Air Velocity	0.10 to 30.0 m/s (0.00 to 9.99m/s: 0.01m/s, 10.0 to 30.0m/s: 0.1m/s)
	Air Temperature	-20.0 to 60.0 °C (0.1°C)
	Pressure* ¹	-5.00 to +5.00 kPa (0.01kPa)
Duct Size Range		0 to 2550mm (0 to 255inch)
Accuracy	Air Velocity	± (3% of the reading +0.1) m/s
	Air Temperature	± 0.5 °C
	Pressure* ¹	± (3% of the reading +0.01) kPa
Response Time	Air Velocity	Approx. 1sec. (at Air Velocity: 1 m/s, 90% Response)
	Air Temperature	Approx 30sec. (at Air Velocity: 1 m/s, 90% Response)
	Pressure* ¹	Approx 1 sec.
Temperature Compensation Accuracy (Velocity)		± (5% of the reading +0.1)m/s in temperature range of 5 to 60°C
Sampling Functions		<ul style="list-style-type: none"> - Hold the reading - Statistical calculation (Average, Maximum, Minimum) - Time constant setting (1, 5, 10, 20 sec) - Remaining battery level indicator (4 levels) - Selection of sampling units (Air velocity: m/s or ft/min; Flow rate: m³/h, m³/min or ft³/min; Air temperature: °C or °F) - Data storage: Max. 800 data records. - Duct shape setting : Rectangular or Circular / Duct size unit: mm or inch
Output		Digital output: RS232C (Baud rate: 4800, 9600, 19200, 38400bps) for outputting to printer and PC. Analog output* ² : DC 0 to 3V (Only for air velocity output)
Power		Manganese AA Batteries × 6 (Alkaline or Ni-Cd batteries can be used as well) AC Adapter: AC 100 to 240V (50/60Hz)
Battery Life		Approx. 10 hours (when, Air velocity: 5m/s, Air temp: 20°C, and using Alkaline batteries)
Operating Environment	Main Unit	5 to 40°C
	Probe	-20 to 60°C
	Storage Temperature	5 to 40°C
Weight		Approx. 500g (Including Batteries)
Standard Accessories		Carrying case, Operation manual, Manganese AA Batteries × 6, RS232C cable, Software (for Windows), and AC adapter
Optional Accessories		Analog output, Printer, AC adapter for the printer

*1: Pressure measurement is only available for A041 and A044

*2: Optional