

Anemomaster Model A031 Series



Applications

- HVAC Ventilation and Balancing
- Manufacturing Control
- Laboratory Control
- IAQ Investigation
- Industrial Hygiene Quality Control
- Flow Hood Monitoring

Features

- Single Probe capable of measuring air velocity and temperature simultaneously
- Straight and Articulating probe available
- Built-in memory allows to store measurement data
- Standard RS-232C output and Analog output option

Benefits

- Data can be reviewed on Screen, Printed, or Downloaded to PC
- Articulating Probe for various applications
- Easy Duct Traverse Measurements with etched length marks on the Telescopic Probe
- Built in RS-232C port allows connection for external data processing

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Specifications

Model		A031	A034	A041	A044
Probe (Telescopic)		Straight	Articulating	Straight	Articulating
Air Velocity	Range	20 to 6000 FPM (0.10 to 30.0 m/s)			
	Accuracy	±2.0% of Reading or ±0.015 m/s, whichever is greater			
	Resolution	1 FPM or 0.01 m/s			
Volumetric Flowrate		9,031 ft ³ /min at 20 FPM (2,341 m ³ /s at 0.1 m/s) 2,709,360 ft ³ /min at 6,000 FPM (702,270 m ³ /s at 30 m/s)			
Temperature	Range	-4 to 140 F (-20 to 60°C)			
	Accuracy	±1F (±0.5°C)			
	Resolution	0.1 F or 0.1°C			
Differential Pressure	Range	-		-5.00 to +500kPa	
	Accuracy	-		±3% of reading or ±0.01 kPa	
	Resolution	-		0.01 kPa	
Output	Digital	RS 232C (Baud Rate: 4800, 9600, 19200, and 38400 bps)			
	Analog	DC 0 - 3 V (Select from Air Velocity, Air Temperature, and Pressure)			
Power Supply		6 x 1.5 V AA Batteries AC Adapter: AC 90 - 240V			
Dimensions	Instrument	W 3.2 x D 1.5 x H 6.5 inches (8.2 x 3.8 x 16.5 cm)			
	Probe	Length: Max 39.4 inch (100 cm) / Diameter of Tip: 0.24 inch (6.0 mm) Diameter of Base: 0.47 inch (12.0 mm) / Articulating section length: 3.94 inch (100.0 mm)			
Standard Accessories		Operation Manual, Carrying Case, 6 x AA Batteries, RS-232C Cable, Software (for Windows)			
Optional Accessories		Analog Output, Portable Printer, AC Adapter for Printer, Rolled Printer Paper			

*Specifications subject to change without prior notice



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