

Air Velocity, Air Temperature,  
Relative Humidity,  
Differential Pressure

# Anemomaster Model A003/A004

NIST Traceable

## Palm-Size Hot-Wire Anemometer



### HVAC Testing IAQ Investigation Industrial Hygiene Cleanrooms

#### Features:

- Probe Compatibility feature allows utilization of a spare probe
- Detachable probe
- Compact, light-weight, and affordable
- Simple operation
- Wide ranges of measurement
- Built-in temperature compensation circuit

#### Benefits:

- Palm-size and feather-weight main body is hardly noticeable
- Accuracy of +/- 3% is maintained to suit your needs
- Soft keys and large display make it a breeze to conduct measurement
- Temperature compensation maintains accuracy at any temperature in the range

#### Specifications

Model		A003	A004
Air Velocity	Range	20 to 3940 fpm (0.10 to 20.0m/s)	
	Accuracy	+/-3% of reading or +/-3 fpm (+/-0.015m/s) whichever is greater	
	Response Time	Less than 1second at 196 fpm (1m/sec), 90% response	
	Resolution	0 to 9.99 m/sec: 0.01 m/sec (minimum) 10.0 to 20.0 m/sec: 0.1 m/sec	
Air Temperature	Range	--	32 - 122° F (0-50° C)
	Accuracy	--	+/-0.2° F (1° C)
	Response Time	Less than 30 seconds at 196 fpm (1 m/sec), 90% response	
	Resolution	--	1° F (0.1° C)
Power Supply		4 x 1.5V AA cells Mn battery, alkaline battery, or Ni-Cd battery (An appropriate charger to be used for the Ni-Cd battery)	
Battery Life		Approx. 4 hrs. Continuous at air velocity 196 fpm (1 m/s) with Mn batteries	
Operating Environment	Main Unit	41 to 104° F (5 to 40° C)	
	Probe	32 to 122° F (0 to 50° C)	
Storing Environment		14-122° F (-10 to 50° C)	
Dimensions		Probe: approx. 0.24" or 0.40" (6 or 10 mm) in diameter x 7.9" (200 mm) in length Probe cable: 0.13" (3.3 mm) in diameter x 59" (1500 mm) in length Main body: 2.4" (60 mm) x 4.7" (120 mm) x 1.2" (30 mm)	
Weight		Approx. 0.4lbs (180g) including batteries	
Standard Kit		Operation Manual, AA Batteries	
Optional Accessories		Spare Probe, Extension Rod (Telescopic 6.5" - 35.8" / 166mm to 909mm)	