

Air Velocity, Air Temperature,
Relative Humidity,
Differential Pressure

Anemomaster Model 6162

NIST Traceable

Middle and High Temperature Anemomaster

Probe Model 0203 (Middle temp. Up to 392°F (200°C)) Model 0204 (High temp. Up to 932°F (500°C))



Features:

- Simultaneous display of air velocity and temperature
- Improved response time by the addition of secondary temperature compensation circuit
- Easy review of time history by graphic display
- Memory function of maximum 999 separate measurement data
- Built-in RS-232 C serial interface for connection to PC. Analog output and remote control terminal also equipped
- Probe Compatibility feature allows you to change the probe easily

Specifications

Model	Probe Model 0203 (for middle temp.) 32 – 392F (0 – 200 °C)	Probe Model 0204 (for high temp.) 32 – 752F (0 – 400 °C)
Measuring Range	40 – 9840fpm (0.2 – 50m/s): 32 – 212 °F (0 – 100 °C)	
	80 – 9840fpm (0.4 – 50m/s): 212 – 392 °F (100 – 200 °C)	
	--	138 – 9840fpm (0.7 – 50m/s): 392 – 572 °F (200 – 300 °C)
	--	197 – 9840fpm (1.0 – 50m/s): 572 – 752 °F (300 – 400 °C)
Measuring Accuracy	Air velocity: +/-3%F.S. Air temperature: +/--(1%rdg+1 °C)	
Temp. Compensation Accuracy (Air Velocity)	Less than 984fpm (5m/s): +/-10%F.S. 984fpm(5m/s) to 9,840fpm(50m/s): +/-6%F.S.	Less than 984fpm (5m/s): +/-15%F.S. 984fpm(5m/s) to 9,840fpm(50m/s): +/-10%F.S.
Heat-resistance of Cable	Teflon coating (Probe side): 392 °F (200 °C) Vinyl code (Extension cable): 176 °F (80 °C)	
Length of Cable	Teflon coating 4.9ft (1.5m) Vinyl code 16.4ft (5m)	Teflon coating 7.5ft (2.3m) Vinyl code 32.8 (10m)
Extension Rod (Option)	0.65"(MAX)x31.5" (16.5x800mm)	0.87"(MAX)x81.5" (22x2070mm)
Probe Dimensions	Dimension: ϕ 0.43"x8.2" (11x208mm)	Dimension: ϕ 0.43"x39.4" (11x1000mm)
Display	Digital (simultaneous display of air velocity and temperature)	
Input/output Terminal	Remote terminal:	START/STOP key
	Analog output terminal:	Output voltage 0 – 1 V, Output impedance 47 Ω
	Digital output terminal:	RS-232C (serial interface)
Power Supply	Dry battery drive: US type (1.5V x 6 pcs = 9V), Alkaline battery, Mn battery AC adapter: 12.5V, 450mA (AC100V +/- 10%, 50/60Hz)	
Operating Temp.	41 – 104 °F (5 – 40 °C)	
Battery Life	Approx. 8 hours	
Dimensions	8.7" x 3.3" x 5.9" 220 x 85 x 150 mm	
Weight	Main body: Approx. 4.0lbs (1.8kg), Probe Model 0203: 7.1oz(200g), Model 0204: 17.6oz (500g)	