

# Anemomaster™ Model 6162

## High Temperature Anemometer

### Features:

- Air velocity and temperature measurements in 932°F (500°C) environments
- Record and recall MAX / MIN / AVG, Timing graph display
- Store up to 999 measurements
- RS232C interface, analog output, and remote control terminal equipped
- Includes shoulder strap, AC adapter, 2 pcs. analog output cable, and 6 pcs. C cell batteries



High temperature measuring solution requires Model 6162 with optional high temperature probe (0203, 0204 or 0205)

- The Model 0203 includes probe with 4.9 ft (1.5m) cable, 5m probe connection cable, probe case, and NIST Certificate
- The Model 0204 includes probe with 7.6 ft (2.3m) cable, 5m probe connection cable, probe case, and NIST Certificate
- The Model 0205 includes probe with 7.6 ft (2.3m) cable, 10m probe connection cable, probe case, and NIST Certificate

### Main Unit Specifications

Model	6162
Air Velocity Ranges	Varies by Probe, See below for Probe Specifications
Accuracy	+/- (3% of Full Scale)
Temperature Ranges	Varies by Probe, See below for Probe Specifications
Accuracy	+/- (1% of reading + 1 C)
Interface	RS232C
Datalogging	999 measurements
Analog Output	0 to 1 V
Remote Terminal	START/STOP Key
Power Supply	6 x C cell Batteries or AC Adapter
Dimensions	W8.7" x H3.3" x D5.9"
Weight	4.0 lbs (1.8 kg)

### Probe Specifications

Model	0203	0204 / 0205
Air Velocity Measuring Range	Temp. Range	
	32 to 212°F	40 to 9840 fpm (0.2 to 50.0 m/s)
	212 to 392°F	80 to 9840 fpm (0.4 to 50.0 m/s)
	392 to 572°F	n/a
Accuracy	572 to 752°F	138 to 9840 fpm (0.7 to 50.0 m/s)
		197 to 9840 fpm (1.0 to 50.0 m/s)
Temperature Measuring Range	Accuracy +/- 3% F.S.	
	32 to 392°F (0 to 200°C)	32 to 932°F (0 to 500°C)
Accuracy	+/- 1% of reading	
Dimensions / Weight	Ø 11 x 200mm (Ø 0.4" x 7.8")	0204 Ø 14 x 1000mm (Ø 0.6" x 39.4") 1.1 lbs (500 g)
	0.4 lbs (200 g)	0205 Ø 14 x 500mm (Ø 0.6" x 19.7") 0.4 lbs (200 g)
Probe Cables	Teflon Coating	
Heat-resistance	392°F (200°C)	
Extension Cable	Vinyl Coating	
Heat-resistance	176°F (80°C)	

### Accessories

- 0203:** Probe for Middle Temperature
- 0204:** Probe for High Temperature (Long)
- 0205:** Probe for High Temperature (Short)
- 6162-03:** Extension Rod for 0203
- 6162-04:** Extension Rod for 0204/0205
- 6162-05:** Probe Compression fitting for 0203
- 6162-06:** Probe Compression fitting for 0204/0205
- 6162-07:** Communication Cable to PC
- S600-00:** Data Processing Software
- 6511-09:** Printer Cable for DPU-S245
- DPU-S245:** Portable Thermal Printer
- TP-202L:** Rolled Printer Paper (10 rolls)

\*Optional probe cable length up to 40m is available

### Probe Dimensions

\*Length in mm

