

Anemomaster™ Model 6162

High Temperature Anemometer

Features:

- Air velocity and temperature measurements in 932°F (500°C) environments
- Smart probe technology: easy probe replacement without recalibration of the main unit
- 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 pc. analog output cable, and 6 pc. C cell batteries



Main Unit Specifications

Model	6162
Air Velocity Ranges	Varies by Probe, See below for Probe Specifications
Accuracy	+/- 3% of reading
Temperature Ranges	Varies by Probe, See below for Probe Specifications
Accuracy	+/- 1% of reading
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)

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

- The Model 0203 includes probe with 4.9 ft (1.5m) cable, 5m probe connection cable
- The Model 0204 includes probe with 7.6 ft (2.3m) cable, 5m probe connection cable

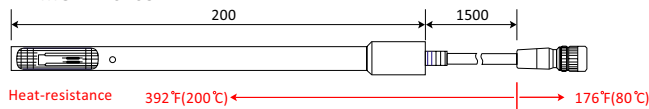
Probe Specifications

Model	0203	0204
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)
	n/a	197 to 9840 fpm (1.0 to 50.0 m/s)
Temperature Measuring Range	32 to 392°F (0 to 200°C)	32 to 932°F (0 to 500°C)
	Accuracy	+/- 1% of reading
Dimensions	∅ 11 x 200mm (∅ 0.4" x 7.8") ∅ 14 x 1000mm (∅ 0.6" x 39.4")	
Weight	0.4 lbs (200 g)	1.1 lbs (500 g)
Probe Cables	Teflon Coating	
	Heat-resistance	392°F (200°C)
Extension Cable	Vinyl Coating	
	Heat-resistance	176°F (80°C)

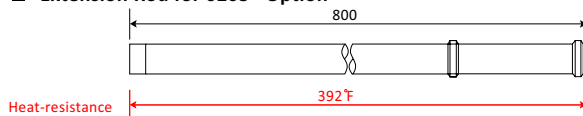
Probe Dimensions

*Length in mm

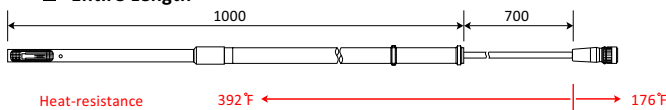
MODEL 0203



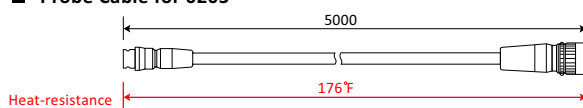
Extension Rod for 0203 *Option



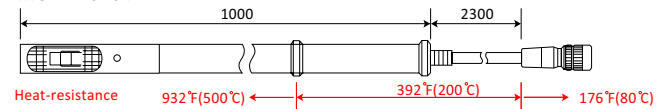
Entire Length



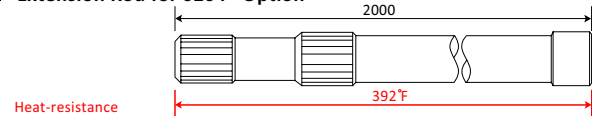
Probe Cable for 0203



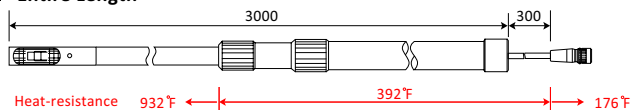
MODEL 0204



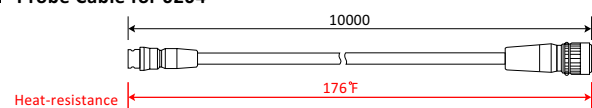
Extension Rod for 0204 *Option



Entire Length



Probe Cable for 0204



NIST Certificate

AFCAL-VT: NIST Certificate with velocity and temperature data

Accessories

- 0203:** Probe for Middle Temperature
- 0204:** Probe for High Temperature
- 6162-03:** Extension Rod for 0203
- 6162-04:** Extension Rod for 0204
- 6162-05:** Probe Compression fitting for 0203
- 6162-06:** Probe Compression fitting for 0204
- 700393:** Communication Cable to PC (RS232C)
- S600-00:** Data Processing Software (for Windows)