



**KANOMAX**  
The Ultimate Measurements

# CLIMOMASTER MODEL 6501

## Multi-function hot-wire anemometer with detachable probes

The Kanomax Climomaster™ is the most accurate hot-wire anemometer of its kind. It offers research-grade accuracy at an affordable, industry competitive price. Kanomax ensures the high accuracy of this anemometer with a special platinum-coated sensor that improves stability and durability, and a production facility that uses multiple types of wind tunnels. This combination guarantees the accuracy and reliability of our products. A high degree of accuracy is essential for applications such as cleanroom certifications, laminar flow measurements, and R&D product development.



### Applications

- ◆ HVAC Testing
- ◆ IAQ Investigations
- ◆ Critical Environment Certification
- ◆ HEPA Filter Performance Testing
- ◆ Turbulent Air Testing
- ◆ Manufacturing Process Control



## FEATURES AND BENEFITS

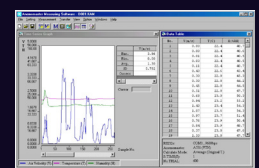
- ◆ 2% air velocity accuracy: the highest accuracy on the market.
- ◆ Equipped with an automatic atmospheric pressure compensation function.
- ◆ Wide range of probe choices for challenging applications.
- ◆ Sleek, ergonomical design with anti-slip grip backlit display.
- ◆ Research quality at a contractor-friendly price.
- ◆ Extended 2 year warranty.
- ◆ Generous datalogging capacity (up to 20000 records) and USB interface make it easy to upload to your PC or laptop.
- ◆ Windows 10 compatible software displays real-time display of data.
- ◆ Notifies you when it is due for calibration.
- ◆ Optional hands-free carrying case available.
- ◆ Includes 79 in. (2m) probe cable, USB cable, 6 AA batteries, carrying case, operation manual.



*OSHA approved hands-free case available so you can keep 3 points of contact on a ladder. Model 6000-61*



*Multiple probe options to choose from for various applications.*



*Data processing software included to simplify recording and reviewing measurements.*

# PRODUCT SPECIFICATIONS

FEATURE		VALUE
Air Velocity	Range	2 to 9840 FPM (0.01 to 50.0 m/s) *Varies by probe
	Accuracy	+/- 2% of reading or 0.015 m/s (whichever is greater)
	Resolution	0.01 m/s (0.01 to 9.99 m/s), 0.1 m/s (10.0 to 50.0 m/s)
Temperature	Range	-4 to 158°F (-20 to 70°C)
	Accuracy	+/- 1.0°F (0.5°C)
	Resolution	1.0°F (0.1°C)
Humidity	Range	2.0 to 98.0 %RH *Varies by probe
	Accuracy	+/- 2.0 %RH
	Resolution	0.1 %RH
Pressure (Optional)	Range	-5.00 to +5.00 kPa
	Accuracy	+/- (3% of reading + 0.01) kPa
	Resolution	0.01 kPa
Interface	Digital	USB and RS232C (for print-out)
	Analog (Optional)	DC 0 to 1 V (select one from Air Velocity, Temp, Humidity and Pressure)
Data Storage Capacity		Up to 20,000 records
Power Supply		6 x AA batteries or AC Adapter
Operation Range	Main Unit	41 to 104°F (5 to 40°C) with no visible condensation
	Probe	-4 to 158°F (-20 to 70°C) with no visible condensation
	Storage	14 to 122°F (-10 to 50°C) with no visible condensation
Weight		0.9 lbs (400 g)
Dimensions		Main Body: 3.4 x 7.4 x 1.6 inches (88 x 188 x 41 mm)
Warranty		2 years



## CLIMOMASTER PROBE SPECIFICATIONS

Model	6531-2G	6541-2G	6561-2G	6542-2G	6533-2G	6543-2G	6551-2G	6552-2G
Probe Type	Uni-directional	Uni-directional	Uni-directional	Omni-directional	Omni-directional	Omni-directional	Mini-spherical	Mini-spherical
Air Velocity	2 to 6000 fpm	2 to 6000 fpm	2 to 9840 fpm	2 to 6000 fpm	2 to 1000 fpm	2 to 1000 fpm	2 to 6000 fpm	2 to 6000 fpm
Temperature	-4 to 158° F	-4 to 158° F	-4 to 158° F	-4 to 158° F	-4 to 158° F	-4 to 158° F	n/a	n/a
Relative Humidity	2.0 to 98.0%RH	n/a	n/a	n/a	2.0 to 98.0%RH	n/a	n/a	n/a

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