

CLIMOMASTER HOT-WIRE ANEMOMETER 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. A special platinum-coated sensor ensures accuracy and 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.

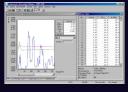
- Windows 10 compatible software displays real-time display of data.
- Notifies you when it is due for calibration.
- Optional hands-free carrying case available.
- Includes 79 in. (2m) probe cable, USB cable, 6 AA batteries, carrying case, operation manual.



OSHA approved handsfree 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.



Optional data processing software available to simplify recording and reviewing measurments.

PRODUCT SPECIFICATIONS

FEATURE		VALUE
Air Velocity	Range Accuracy Resolution	2 to 9840 FPM (0.01 to 50.0 m/s) *Varies by probe +/- 2% of reading or 0.015 m/s (whichever is greater) 0.01 m/s (0.01 to 9.99 m/s), 0.1 m/s (10.0 to 50.0 m/s)
Temperature	Range Accuracy Resolution	-4 to 158°F (-20 to 70°C) +/- 1.0°F (0.5°C) 1.0°F (0.1°C)
Humidity	Range Accuracy Resolution	2.0 to 98.0 %RH *Varies by probe +/- 2.0 %RH 0.1 %RH
Pressure (Optional)	Range Accuracy Resolution	-5.00 to +5.00 kPa +/- (3% of reading + 0.01) kPa 0.01 kPa
Interface	Digital Analog (Optional)	USB and RS232C (for print-out) 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 Probe Storage	41 to 104°F (5 to 40°C) with no visible condensation -4 to 158°F (-20 to 70°C) with no visible condensation 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



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

-4 to 158° F

n/a

-4 to 158° F

2.0 to 98.0%RH

-4 to 158° F

n/a

KANOMAX USA, INC. 219 US HWY 206, ANDOVER, NJ 07821 USA

-4 to 158° F

2.0 to 98.0%RH

-4 to 158° F

n/a

CLIMOMASTER PROBE SPECIFICATIONS

TEL: 973-786-6386 **FAX:** 973-786-7586

Temperature

Relative Humidity

E-MAIL: SALES@KANOMAX-USA.COM **URL:** WWW.KANOMAX-USA.COM

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-4 to 158° F