



**KANOMAX**  
The Ultimate Measurements

# New Climomaster™

Climomaster™ Model 6501 Series

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

The new 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 over 60 years experience, 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



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## Features & Benefits

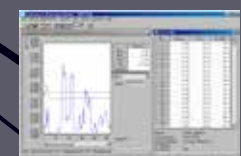
- 2% air velocity accuracy: highest accuracy on the market.
- Now equipped with an automatic atmospheric pressure compensation function for precise airflow measurement
- Wide range of probe choices for challenging applications.
- Sleek, ergonomical design with an anti-slip grip and highly visible backlit 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.
- Optional Windows 7 compatible software provides real-time graphical display of data for field analysis.
- Now tracks its own calibration cycle. It will now remind you when it is due for calibration.
- Optional hands-free carrying case is available.
- Includes probe with 79 in (200cm) cable, USB cable, 6 pcs. AA batteries, carrying case, and NIST Certificate



Hands-free case now available!



Expanded Eight Air Velocity Probe Line-up



Windows 7 Compatible Software is available

# Climomaster™ Specifications

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



# Climomaster™ Probe Specifications

<b>Model</b>	6531-2G	6541-2G	6561-2G	6542-2G	6533-2G	6543-2G	6551-2G	6552-2G
<b>Probe Type</b>	Uni-Directional	Uni-Directional	Uni-Directional	Omni-Directional	Omni-Directional	Omni-Directional	Mini-Spherical	Mini-Spherical
<b>Air Velocity</b>	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
<b>Temperature</b>	-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
<b>Relative Humidity</b>	2.0 to 98.0%RH	n/a	n/a	n/a	2.0 to 98.0%RH	n/a	n/a	n/a

Specifications are subject to change without notice.



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