

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



Features & Benefits

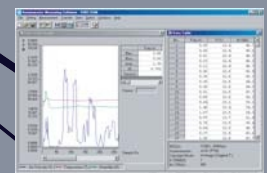
- 2% air velocity accuracy: highest accuracy on the market.
- Sleek, ergonomical design with an anti-slip grip and highly visible backlit display.
- Wide range of probe choices for challenging applications.
- Research quality at a contractor-friendly price.
- Extended 2 year warranty.
- Simultaneously measures and displays air velocity, air temperature, humidity, flow rate, and pressure.
- Generous datalogging capacity (up to 20000 records) and the 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



LCD display with bright backlight



Expanded Seven Air Velocity Probe Line-up



Windows 7 Compatible Software is available

Climomaster™ Specifications

Air Velocity	Range Accuracy Resolution	10 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 (Option)	Range Accuracy Resolution	-5.00 to +5.00 kPa +/- (3% of reading + 0.01) kPa 0.01 kPa
Interface	Digital Analog (Option)	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 °C (-20 to 70 °C) with no visible condensation 14 to 122 °C (-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	6531-21	6541-21	6561-21	6542-21	6533-21	6543-21	6551-21	6552-21
Probe Type	Uni-Directional	Uni-Directional	Uni-Directional	Omni-Directional	Omni-Directional	Omni-Directional	Mini-Spherical	Mini-Spherical
Air Velocity	20 to 6000 fpm	20 to 6000 fpm	20 to 9840 fpm	20 to 6000 fpm	10 to 1000 fpm	10 to 1000 fpm	20 to 6000 fpm	20 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

Specifications are subject to change without notice.

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