



Climomaster

Model 6501 series

Most Accurate Hot-wire Anemometer of its Kind.

Applications

As well as HVAC testing, Climomaster and its probes are suitable for IAQ investigation, laboratory control, cleanroom control, and industrial applications, such as automotive.

Features

- Simultaneously measures and displays air velocity, flow rate, humidity, temperature, and differential pressure
- Airflow rate calculation based on registered duct size
- Data HOLD function, Record and recall MAX / MIN / AVG
- Store up to 20,000 measurements
- 8 interchangeable probes are available for various applications
- Smart probe technology: easy probe replacement without recalibration of the main unit
- Includes probe, 79 in (200cm) probe connection cable, 6 pcs. AA batteries, carrying case, and NIST Certificate



Accessories

- 6501-A0: Main Unit with Analog Output
- 6501-B0: Main Unit with Pressure Sensor
- 6531-04: Telescopic Extension Rod (Flex-Neck)
- 6531-05: Telescopic Extension Rod (Straight)
- 6531-06: 2m Probe Cable (also available in 5, 10, 20m)
- 6000-41: Data Processing Software (for Windows)
- 6000-31: Printer Cable for DPU-S245
- 6000-61: Hands Free Case
- 6113-02: AC Adapter
- DPU-S245: Portable Thermal Printer
- TP-202L: Rolled Printer Paper (10 rolls)



6531-04



6531-05





Climomaster

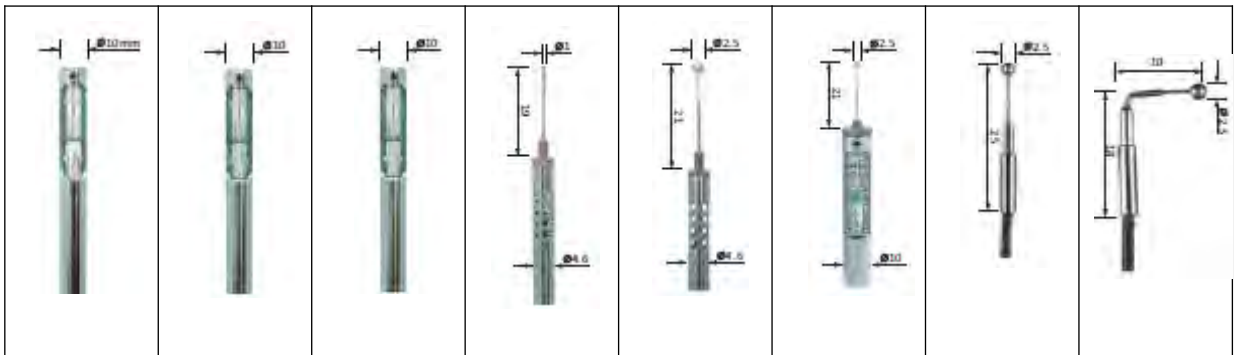
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Main Unit Specifications



Air Velocity Ranges	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
Temperature Ranges	-4 to 158 °F (-20 to 70 °C)
Accuracy	+/- 1.0 °F (0.5 °C)
Relative Humidity Ranges	2.0 to 98.0%RH *Varies by probe
Accuracy	+/- 2.0%RH
Differential Pressure Ranges (Option)	+/- 5.00 kPa
Accuracy	+/- (3% of reading + 0.01) kPa
Interface	USB / RS232C (for print-out)
Datalogging	Up to 20,000 records
Analog Output (Option)	0 to 1 V
Power Supply	6 x AA Batteries or AC Adapter
Dimensions	W3.4 x H7.4" x D1.6" (88 x 188 x 41 mm)
Weight	0.9 lbs (400 g)

Probe Specifications



Model	6531-2G	6541-2G	6561-2G	6542-2G	6533-2G	6543-2G	6551-2G	6552-2G
Probe Type	Uni-Directional			Omni-Directional			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						n/a	
Rel Humidity	2.0 to 98.0%	n/a			2.0 to 98.0%	n/a		



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