

LCA 501



Features and Benefits LCA 501:

- Measures velocity and temperature
- Sweep mode for one overall measurement
- Log, store and recall data
- Download data to a PC
- Optional telescopic probe available

Airflow LCA 501 is a handheld digital Rotating Vane Anemometer used for air velocity and volumetric flow measurements.

Specifications:

		Metric	Imperial
Velocity	Range	0.25 to 30 m/sec	50 to 6,000 ft/min
	Accuracy	± 0.02 m/sec or ± 1% of reading, whichever is greater	± 4 ft/min or ± 1% of reading, whichever is greater
Duct Size		0 to 16 m ²	0 to 173.6 ft ²
Volumetric Flow Rate		Actual range is a function of velocity, and duct size	
Temperature	Range	0 to 60°C	32 to 140°F
	Resolution	0.1°C	0.1°F
	Accuracy	± 0.5°C	± 2°F
Operating Temperature Range	Electronics	5 to 45°C	40 to 113°F
	Vane Head	0 to 60°C	32 to 140°F
Storage Temperature Range		-20 to 60°C	-4 to 140°F
Data Storage Capabilities		12,700+ samples and 100 test IDs	
Logging Intervals		From 1 second to 1 hour; time constant user selectable	
External Meter Dimensions		8.4 x 17.8 x 4.4 cm	3.3 x 7.0 x 1.8 in.
Weight with batteries		270 g	9.6 oz
Power Requirements		9 volt battery	

Features and Benefits Aircone Flow Hoods:

- Rectangular and circular cones available
- Measures volumetric flow at grilles, diffusers, and linears
- Reads air volume quickly and accurately
- Excellent choice for small grilles



Aircone Flow Hoods are a fast and accurate method of maximizing the usefulness of your 100 mm rotating vane anemometers. For a modest investment, you can enhance the capability of your rotating vane, turning it into an air volume flow balancing tool.



Associated Instrument Repairs

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