

# DIGITAL ANEMOMETER

Model : AM-4200

ISO-9001, CE, IEC1010

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**Lutron**

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*The Art of Measurement*

# ANEMOMETER

## Model : AM-4200

FEATURES	
* High quality with the economical cost.	* Battery power source from 006P DC 9V batteries.
* Pocket & compact housing case.	
* Separate probe, convenient for the remote measurement.	* Used the durable, long-lasting components, including a strong, light weight ABS-plastic housing case.
* Low-friction ball vane wheels is accurate in both high & low velocities.	
* Multi-functions for air flow measurement: m/s, km/h, ft/min, knots. mile/h.	
* Fast and accurate readings with LCD display.	* Wide applications: use this anemometer to check air conditioning & heating systems, measure air velocities, wind speeds, temperature...etc.

GENERAL SPECIFICATIONS			
Display	13 mm ( 0.5" ) LCD. 3 1/2 digits	Power Supply	006P DC 9V battery (heavy duty type).
Measurement	m/s (meters per second) km/h (kilometers per hour) ft/min (feet/per minute) knots (nautical miles per hour)	Power Current	Approx. DC 6 mA.
		Weight	381 g/0.84 LB.
		Dimension	Main instrument: 180 x 73 x 23 mm (4.3 x 2.9 x 1.4 inch). Sensor head : Round, 72 mm Dia.
Sensor Structure	Conventional twisted van arm and low friction ball bearing design.		
Sampling Time	Approx. 0.4 sec.		
Operating Temperature	0 °C to 50 °C (32 °F to 122 °F).	Weight	260 g/0.58 LB ( including battery ).
Operating Humidity	Less than 80% RH.	Accessories Included	Instruction manual. .... 1 PC. Sensor probe. .... 1 PC.

ELECTRICAL SPECIFICATIONS (23± 5°C)			
<i>Measurement</i>	<i>Range</i>	<i>Resolution</i>	<i>Accuracy</i>
m/s	0.8 - 30.0 m/s	0.1 m/s	<i>Full scale :</i> ± ( 3 % + 2 d )
km/h	2.8 - 108 km/h	0.1 km/h	
knots	1.6 - 58 knots	0.1 knots	
ft/min	160 - 5900 ft/min	10 ft/min	
Note: <i>m/s - meters per second                      km/h - kilometers per hour</i> <i>ft/min - feet/per minute                      knots - nautical miles per hour (international knot)</i>			

OPTIONAL ACCESSORIES	
Holster	High quality rubber protective holster. Model : HS-02

\* Appearance and specifications listed in this brochure are subject to change without notice.

AM4200+1809