



*with Temp. Measurement*

# DIGITAL ANEMOMETER

Model : AM-4202

ISO-9001, CE, IEC1010



LUTRON ELECTRONIC

*The Art of Measurement*

# DIGITAL ANEMOMETER ( with Temp. )

Model : AM-4202



FEATURES	
* The portable anemometer provides fast, accurate readings, with digital readability and the convenience of a remote sensor separately.	* DATA HOLD function for stored the desired value on display. Large LCD display, easy to read.
* Multi-functions for air flow measurement: m/s, km/h, ft/min, knots.	* LCD display for low power consumption & clear read-out even in bright ambient light condition.
* Build in temperature °C, °F measurement. Thermocouple sensor for fast temp. response time.	* Used the durable, long-lasting components, including a strong, light weight ABS-plastic housing case.
* Low-friction ball-bearing design allows free vane movement, resulting in accuracy at both high & low velocities.	* Compact housing cabinet, easy to carry out.
* A sensitive balanced vane wheel rotates freely in response to air flow.	* Built-in low battery indicator.
* Conventional twisted vane arms, always a source of unreliability have been eliminated.	* Wide applications: use this anemometer to check air conditioning & heating systems, measure air velocities, wind speeds, temperature...etc.

GENERAL SPECIFICATIONS			
Display	LCD ( Liquid Crystal Display ), LCD size : 65 x 25 mm.	Temp. Sensor	Naked-bead type k thermocouple probe.
Measurement	m/s (meters per second), km/h (kilometers per hour), ft/min (feet/per minute), knots (nautical miles per hour), Temp.- °C, °F. Data hold.	Power Supply	DC 9V 006P, MN1604(PP3) battery (Heavy Duty Type) or equivalent.
		Power Consumption	Approx. DC 9 mA.
		Weight	325 g/0.72 LB.
Operating Temp.	0 °C to 50 °C (32 °F to 122 °F).	Dimension	<i>Instrument :</i> 168 x 80 x 35 mm (6.6 x 3.2 x 1.2 inch) <i>Sensor Head :</i> Round, 72 mm Dia.
Operating Humidity	Less than 80 % RH.		
Air Velocity Sensor Structure	Conventional twisted vane arms and low-friction ball-bearing design.		
		Standard Accessories	Instruction Manual.....1 PC. Sensor probe.....1 PC. Carrying case.....1 PC.

ELECTRICAL SPECIFICATIONS ( 23.5 °C )			
<b>Air velocity</b>			
<i>Measurement</i>	<i>Range</i>	<i>Resolution</i>	<i>Accuracy</i>
m/s	0.4-30.0 m/s	0.1 m/s	± (2%+0.2m/s)
km/h	1.4-108.0 km/h	0.1 km/h	± (2%+0.8km/h)
ft/min.	80-5910 ft/min.	10 ft/min.	± (2%+40 ft/min)
knots	0.8-58.3 knots	0.1 knots	± (2%+0.4knots)
<i>Note: m/s - meters per second km/h - kilometers per hour ft/min - feet/per minute knots - nautical miles per hour</i>			
<b>Temperature</b>			
<i>Measurement</i>	<i>Range</i>	<i>Resolution</i>	<i>Accuracy</i>
°C	0 °C to 60 °C	0.1 °C	± 0.8 °C
°F	32 °F to 140 °F	0.1 °F	± 1.5 °F

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

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