

DIGITAL ANEMOMETER

Model : AM-4201

ISO-9001, CE, IEC1010



FEATURES

- * The portable anemometer provides fast accurate readings with digital readability and the convenience of a remote sensor separately.
- * Multi-functions for air flow measurement:
m/s, km/h, ft/min, knots.
- * Low-friction ball-bearing design resulting in accuracy at both high and low velocities.
- * Conventional twisted vane arms, always a source of unreliability have been eliminated.
- * DATA HOLD.
- * Compact housing cabinet.
- * Wide applications: use this anemometer to check air conditioning & heating systems, measure air velocities, wind speeds, temperature...etc.



Lutron

LUTRON ELECTRONIC

The Art of Measurement

DIGITAL ANEMOMETER

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| 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. |
| * Low-friction ball-bearing design allows free vane movement, resulting in accuracy at both high & low velocities. | * Used the durable, long-lasting components, including a strong, light weight ABS-plastic housing case. |
| * A sensitive balanced vane wheel rotates freely in response to air flow. | * Wide applications: use this anemometer to check air conditioning & heating systems, measure air velocities, wind speeds, temperature...etc. |
| * Conventional twisted vane arms, always a source of unreliability have been eliminated. | |
| * Compact housing cabinet, easy to carry out. | |
| * Built-in low battery indicator. | |

| GENERAL SPECIFICATIONS | | | |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Display | LCD (Liquid Crystal Display) size 65 x 25 mm, 3 1/2 digits. | Temp. Sensor * <i>AM4202 only</i> | 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 (AM-4202 only). 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 (including battery). |
| Operating Temp. | 0 °C to 50 °C (32 °F to 122 °F). | Dimension | <i>Instrument :</i> 168 x 80 x 35mm (6.6 x 3.2 x 1.2 inch) <i>Sensor Head :</i> Round, 72 mm Dia. |
| Operating Humidity | Less than 80 % RH. | Standard Accessories | Instruction Manual.....1 PC. Sensor probe.....1 PC. Carrying case.....1 PC. |
| Air Velocity Sensor Structure | Conventional twisted vane arms and low-friction ball-bearing design. | | |

| ELECTRICAL SPECIFICATION (23 ± 5 °C) | | | |
|------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------|--------------------|
| A. Air velocity | | | |
| <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%+0.2 m/s) |
| km/h | 1.4-108.0 km/h | 0.1 km/h | ± (2%+0.8 km/h) |
| ft/min. | 80-5910 ft/min. | 10 ft/min. | ± (2%+0.4 knots) |
| knots | 0.8-58.3 knots | 0.1 knots | ± (2%+40 ft/min) |
| <i>Note: m/s - meters per second km/h - kilometers per hour ft/min - feet/per minute knots - nautical miles per hour</i> | | | |

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

1604-AM4201

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