DIGITAL ANEMOMETER

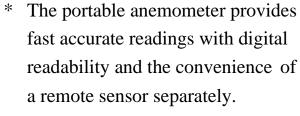
Model: AM-4201

ISO-9001, CE, IEC1010

www.yalab.com.tw

02-2389-0101

FEATURES



- * 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 cabinate.
- * Wide applications: use this anemometer to check air conditioning & heating systems, measure air velocities, wind speeds, temperature...etc.







The Art of Measurement

DIGITAL ANEMOMETER Model: AM-4201

www.YaLAB.com.tw 02-2389-0101

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

| GENERAL SPECIFICATIONS | | | | | | | | |
|------------------------|--|---------------|----------------------------------|--|--|--|--|--|
| Display | LCD (Liquid Crystal Display) siz | Temp. Sensor | Naked-bead type k | | | | | |
| | 65 x 25 mm, 3 1/2 digits. | * AM4202 only | thermocouple probe. | | | | | |
| Measurement | m/s (meters per second), | Power Supply | DC 9V 006P, MN1604(PP3) | | | | | |
| | km/h (kilometers per hour), | | battery (Heavy Duty Type) or | | | | | |
| | ft/min (feet/per minute), | | equivalent. | | | | | |
| | Temp °C, °F (AM-4202 only). | Power | Approx. DC 9 mA. | | | | | |
| | | Consumption | | | | | | |
| | | Weight | 325 g/0.72 LB (including battery | | | | | |
| Operating | $0~^{\circ}$ C to $50~^{\circ}$ C (32 $^{\circ}$ F to 122 $^{\circ}$ F). | Dimension | Instrument : | | | | | |
| Temp. | | | 168 x 80 x 35mm | | | | | |
| Operating | Less than 80 % RH. | | (6.6 x 3.2 x 1.2 inch) | | | | | |
| Humidity | | | Sensor Head : | | | | | |
| Air Velocity | Conventional twisted vane arms | | Round, 72 mm Dia. | | | | | |
| Sensor | and low-friction ball-bearing | Standard | Instruction Manual1 PC. | | | | | |
| Structure | design. | Accessories | Sensor probe1 PC. | | | | | |
| | | | Carrying case1 PC. | | | | | |

| ELECTRICAL SPECIFICATION (23 ± 5 \mathcal{C}) | | | | | | | | |
|---|-----------------|------------|------------------|--|--|--|--|--|
| A. Air velocity | | | | | | | | |
| Measurement | Range | Resolution | Accuracy | | | | | |
| 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%+40 ft/min) | | | | | |
| knots | 0.8-58.3 knots | 0.1 knots | ± (2%+0.4 knots) | | | | | |
| Note: m/s - meters per second km/h - kilometers per hour ft/min - feet/per minute knots - nautical miles per hour | | | | | | | | |

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