



## **Lutron AM 4202 DIGITAL ANEMOMETER (WITH TEMP.)**

**The portable anemometer** provides fast, accurate readings, with digital readability and the convergence of a remote sensor separately.

**Multi-functions** for air flow measurement: m/s, km/h, ft/min, knots.

**Built-in** temperature C, F measurement. Thermocouple sensor for fast temp. response time.

**Low-friction** ball-bearing design allows free vane movement, resulting in accuracy at both & low velocities.

### **More:**

- **DATA HOLD** function for stored the desired value on display. Large LCD display, easy to read
- **LCD display** for low power consumption & clear read-out even in bright ambient light condition
- **Used the durable**, long-lasting components, including a strong, light weight ABS-plastic housing case
- **Compact housing** cabinete, easy to carry out
- **Built-in** low battery indicator
- **A sensitive** balanced vane wheel rotates freely in response to air flow
- **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.
- **Dimensions:** 168 (W) x 80 (H) x 35 (D) mm
- **Weight:** 325 gr. (with battery)
- **Supplied with** sensor probe and instruction manual
- **Spare fan** supplied also separately

### **SPECIFICATIONS**

#### **Display:**

18 mm (0.7") LCD (Liquid Crystal Display), 3 1/2 digits

#### **Measurements:**

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
<b>Operating temperature:</b>	0°C to 50°C (32°F to 122°F)
<b>Operating humidity:</b>	Less than 80% RH
<b>Air velocity sensor structure:</b>	Conventional twisted vane arms and low friction ball-bearing design
<b>Temperature sensor:</b>	Naked-bead type k thermocouple probe
<b>Power supply:</b>	DC 9V 006P, MN1604 (PP3) battery (heavy duty type) or equivalent
<b>Power consumption:</b>	approx. DC 9 mA
<b>Weight:</b>	325 gr. (0.72 LB) including battery
<b>Dimensions:</b>	<b>Instrument:</b> 168 x 80 x 35 mm (6.6 x 3.2 x 1.2 inch)
	<b>Sensor head:</b> Round 72 mm dia.

### **ELECTRICAL SPECIFICATIONS** (23°C ±5°C)

#### **Air velocity**

Measurement	Range	Resolution	Accuracy
m/s	0.4~30.0 m/s	0.1 m/s	±(2% +1d)
km/h	1.4~108.0 km/h	0.1 km/h	±(2% +1d)
ft/min.	80~5910 f/min.	10 f/min.	±(2% +1d)
knots	0.8~58.3 knots	0.1 knots	±(2% +1d)

#### **Temperature**

Measurement	Range	Resolution	Accuracy
°C	0°C to 60°C	0.1°C	0.8°C
°F	32°F to 140°F	0.1°F	1.5°F