



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