



CONTACT DETAIL



tasira@rediffmail.com



2522 8205, 2523 1145



#293, (Old 142)
Linghi Chetty Street,
Chennai-600 001



www.tasirainstrumentations.com

Lutron AM-4204 DIGITAL ANEMOMETER WITH RS-232 AND THERMOMETER

Features



- Thermal anemometer, available for very low air velocity measurement
- Slim probe, ideal for grilles & diffusers
- Combination of hot wire and standard thermistor, deliver rapid and precise measurements even at low air velocity value
- RS 232 PC serial interface
- The portable anemometer provides fast, accurate readings, with digital readability and the convenience of a remote probe separately
- Multi-functions for air flow measurement: m/s, km/h, ft/min, knots, mile/h
- Microprocessor circuit assures maximum possible accuracy, provides special functions and features
- Built-in temperature °C, °F measurement
- Thermistor sensor for Temp. measurement, fast response time
- Super large LCD with dual function meter's display, read the air velocity & temp. at the same time
- Used the durable, long-lasting components, including a strong, light weight ABS-plastic housing case Heavy duty & compact housing case
- Deluxe hard carrying case
- Records Maximum and Minimum readings with recall
- Data hold
- Auto shut off saves battery life
- Operates from 6 pcs. UM-4 batteries
- Applications: Environmental testing, Air conveyors, Flow hoods, Clean rooms, Air velocity, Air balancing, Fans/motors/blowers, Furnace velocity, Refrigerated case, Paint spray booths
- Dimensions:
 - Main instrument: 180 x (W) 72 (H) x 32 (D) mm
 - Telescope probe: Ø=12 mm; L = 280 to 940 mm
- Supplied with telescope probe, hard carrying case and instruction manual

Specifications

Circuit:	Custom one-chip of microprocessor LSI circuit
Display:	13 mm (0.5") super large LCD display (dual function meter's display)
Measurement:	m/s (meters per second) km/h (kilometers per hour) ft/min (feet per minute) knots (nautical miles per hour) mile/h (miles per hour) Temp (°C, °F) Data hold
Sensor structure:	Air velocity: Tiny glass bead thermistor

	Temperature: Precision thermistor
Memory:	Maximum and minimum with recall
Sampling time:	approx. 0.8 sec.
Data output:	RS-232 PC serial interface
Power off:	Auto shut off saves battery life or manual off by push button
Operating temperature:	0°C to +50°C
Operating humidity:	less than 80% RH
Power supply:	1.5V AAA (UM-4) battery x 6 pcs. (alkaline or heavy duty type)
Power current:	approx. DC 30 mA
Dimensions:	Main instrument: 180 x 72 x 32 mm (7.1 x 2.8 x 1.3 inch) Telescope probe : round 72 mm dia., L = 250 to 940 mm
Weight:	355 gr. (0.78 LB)

ELECTRICAL SPECIFICATIONS (23°C ±5°C)			
Measurement	Range	Resolution	Accuracy
m/s	0.2 to 20 m/s	0.1 m/s	±(3%+1d) reading
km/h	0.7 to 72 km/h	0.1 km/h	
ft/min.	40 to 3940 ft/min.	10 ft/min.	±(1%+1d) full scale or ±(1%+1d) full scale (depending on which is larger)
mile/h	0.5 to 44.7 mile/h	0.1 ml/h	
knots	1.0 to 31.1 knots	0.1 knots	
Temperature °C	0°C to +50°C	0.1°C	0.8°C

