



B.S.K. Technologies

#5-4-187/3&4/10, 1 floor, Patel Trade World, Karbala Maidan,
Behind Deccan Bajaj Show Room, M.G. Road, Secunderabad-500003.
Ph: 040-39124339 / 9849904339 / 9391036177 Tele Fax : 040-39126177
E-mail: bsktechnologies@rediffmail.com / bsktechnologies@gmail.com
Website: www.bsktechnologies.com



DIGITAL ANEMOMETER

Model : AM-4201

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 cabinate, easy to carry out.	
* Built-in low battery indicator.	

GENERAL SPECIFICATIONS

Display	18mm (0.7") LCD (Liquid Crystal Display), 3 1/2 digits.	Temp. Sensor	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.	* AM4202 only	
		Power Supply	DC 9V 006P, MN1604(PP3) battery (Heavy Duty Type) or equivalent.
		Power Consumption	Approx. DC 9 mA.
Operating Temp.	0 °C to 50 °C (32 °F to 122 °F).	Weight	325 g/0.72 LB (including battery).
		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 SPECIFICATIONS (23 ± 5 °C)

A. Air velocity

Measurement	Range	Resolution	Accuracy
m/s	0.4-30.0 m/s	0.1 m/s	±(2% + 1 d)
km/h	1.4-108.0 km/h	0.1 km/h	±(2% + 3 d)
ft/min.	80-5910 ft/min.	10 ft/min.	±(2% + 2 d)
knots	0.8-58.3 knots	0.1 knots	±(2% + 2 d)

*Note: m/s - meters per second km/h - kilometers per hour
ft/min - feet/per minute knots - nautical miles per hour*