

BIMCO™

BOMBAY INSTRUMENT MFG. CO.

AN ISO 9001:2015 CERTIFIED COMPANY

**Metal Vane
ANEMOMETER**

**Model : BK – 80A
ISO : 9001,CE, IEC1010**



Metal Vane ANEMOMETER

FEATURES

* Microprocessor circuit assures maximum possible accuracy, provides special functions and features.	* Build in temperature °C, °F measurement.
* Metal vane, heavy duty & wide range air flow measurement.	* The portable anemometer provides fast, accurate readings, with digital readability and the convenience of a remote sensor separately.
* Large LCD with Dual function meter's display.	* Multi-functions for air flow measurement : m/s, km/h, ft/min, knots, mile/h.
* Heavy duty & compact housing case.	* Thermistor sensor for Temp. measurement, fast response time.
* Records Maximum and Minimum reading with RECALL.	* Used the durable, long-lasting components, including a strong, light weight ABS-plastic housing case.
* Data hold.	* Wide applications: use this anemometer to check air conditioning & heating systems, measure air velocities, wind speeds, temperature...etc.
* Auto shut off saves battery life.	
* Operates from 006P DC 9V battery.	
* RS 232 PC serial interface.	
* Low-friction ball vane wheels is accurate in both high & low velocities.	

GENERAL SPECIFICATIONS

Circuit	Custom one-chip of micro-processor LSI circuit.	Over load Indication	Indicated by "-----".
Display	* 51 mm x 32 mm supper large LCD display.	Operating Temperature	Meter : 0 °C to 50 °C (32 °F to 122 °F).
Measurement	* Dual function meter's display. 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.	Vane Probe :	0 °C to 60 °C (32 °F to 140 °F).
		Operating Humidity	Less than 80% RH.
		Power Supply	006P DC 9V battery (heavy duty type).
		Power Current	Approx. DC 8.3 mA.
		Weight	220 g/0.48 LB.
Sensor Structure	<i>Air velocity :</i> * Metal diecasting structure. * Conventional twisted van arm and low friction ball bearing design.	Dimension	Main Instrument : 200 x 68 x 30 mm (7.9x2.7x1.2 inch). Sensor head : Round, 72 mm Dia.
	<i>Temperature :</i> Thermistor.	Accessories Included	Instruction manual..... 1 PC. Anemometer probe. 1 PC. Carrying case, CA-06. 1 PC.
Memory Recall	Records Maximum and Minimum readings with Recall.	Optional Accessories	RS232 cable , UPCB-02
Power Off	Auto shut off saves battery life or manual off by push button.		Application windows software, SW-U801-WIN.
Sampling Time	Approx. 0.8 sec.		
Data Output	RS 232 PC serial interface.		

ELECTRICAL SPECIFICATIONS (23 ± 5°C)

Measurement	Range	Resolution	Accuracy
m/s	0.4 - 35.0 m/s	0.1 m/s	± (2% + 2d)
km/h	1.4 - 126.0 km/h	0.1 km/h	
mile/h	0.9 - 78.3 mph	0.1 mile/h	
knots	0.8 - 68.0 knots	0.1 knots	± (2% + 20 ft/min)
ft/min	79 - 6890 ft/min	1 ft/min	
Temperature(°C)	0°C to 60 °C	0.1 °C	± 0.8 °C
Temperature(°F)	32 °F to 140 °F	0.1 °F	± 1.5 °F

Note:

*m/s - meters per second km/h - kilometers per hour ft/min - feet per minute
mile/h - miles per hour knots - nautical miles per hour (international knot)*

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

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