ANEMOMETER



Model: YK-80AM

ISO-9001, CE, IEC1010







The Art of Measurement

metal vane ANEMOMETER



Model: YK-80AM

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

GENERAL SPECIFICATIONS					
Circuit	Custom one-chip of micro-	Over load	Indicated by " ".		
	processor LSI circuit.	Indication			
Display	* 51 mm x 32 mm supper	Operating	Meter:		
	large LCD display.	Temperature	0 °C to 50 °C (32 °F to 122 °F).		
	* Dual function meter's display.		Vane Probe:		
Measurement	m/s (meters per second),		0 °C to 60 °C (32 °F to 140 °F).		
	km/h (kilometers per hour),	Operating	Less than 80% RH.		
	ft/min (feet/per minute),	Humidity			
	knots (nautical miles per hour),	Power Supply	006P DC 9V battery		
	mile/h(miles per hour),		(heavy duty type).		
	Temp °C, °F.,	Power Current	Approx. DC 8.3 mA.		
	Data hold.	Weight	220 g/0.48 LB.		
Sensor	Air velocity :	Dimension	Main Instrument :		
Structure	* Metal diecasting structure.		200 x 68 x 30 mm		
	* Conventional twisted van		(7.9x2.7x1.2 inch).		
	arm and low friction ball		Sensor head :		
	bearing design.		Round, 72 mm Dia.		
	<i>Temperature :</i> Thermistor.	Accessories	Instruction manual 1 PC.		
Memory Recall	Records Maximum and	Included	Anemometer probe1 PC.		
	Minimum readings with Recall.		Carrying case, CA-06 1 PC.		
Power Off	Auto shut off saves battery life	Optional	RS232 cable, UPCB-02		
	or manual off by push button.	Accessories	Application windows software,		
Sampling Time	Approx. 0.8 sec.		SW-U801-WIN.		
Data Output	RS 232 PC serial interface.				

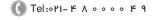
ELECTRICAL SPECIFICATIONS (23 \pm 5°C)					
Measurement	Range	Resolution	Accuracy		
m/s	0.4 - 35.0 m/s	0.1 m/s			
km/h	1.4 - 126.0 km/h	0.1 km/h	± (2% + 2d)		
mile/h	0.9 - 78.3 mph	0.1 mile/h			
knots	0.8 - 68.0 knots	0.1 knots			
ft/min	79 - 6890 ft/min	1 ft/min	± (2% + 20 ft/min)		
Temperature(°C)	0 °C to 60 °C	0.1 ℃	± 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)

0510-YK80AM

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