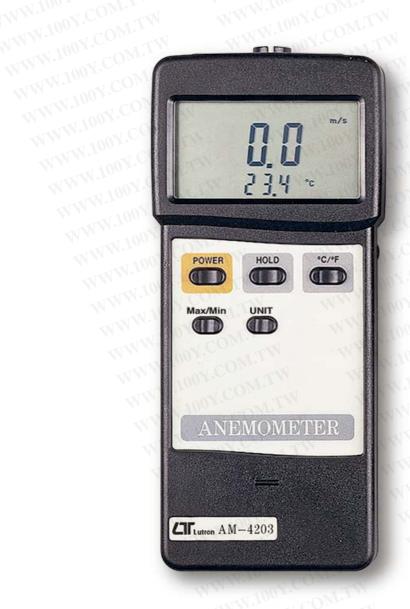
# ANEMOMETER

RS232

Model: AM-4203

ISO-9001, CE, IEC1010





勝 特 力 材 料 886-3-5753170 胜特力电子(上海) 86-21-34970699 胜特力电子(深圳) 86-755-83298787 Http://www.100y.com.tw





The Art of Measurement

## **DIGITAL ANEMOMETER**

Model: AM-4203

#### **FEATURES**

Microprocessor circuit ensures high accuracy and provides special functions and features. Super large LCD display, display the air low and the temperature reading at the same time. Dual function display. Heavy duty & compact case. Records Maximum and Minimum readings with recall facilities. \* Data hold. Auto power off saves battery life. Operates from 9V battery. \* RS 232 PC serial interface. \* Low-friction ball vane wheels is accurate in both high & low velocities. \* The portable anemometer provides fast, accurate readings, with digital readability and the convenience of a remote sensor separately. Multi-functions air flow measurement: m/s, km/h, ft/min, knots. mile/h. \* Build in temperature measurement °C/°F. \* Thermocouple sensor for Temp. measurement, fast response time. \* Uses durable, long-lasting components, enclosed in strong, light weight ABS-plastic housing. \* Wide applications: use this anemometer to check air conditioning & heating systems, measure air velocities, wind speeds, temperature...etc.

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Sensor	Air velocity sensor :		
Structure	Conventional twisted vane arms and		
	low-friction ball-bearing design.		
	Temperature sensor :		
	Precision thermistor.		
Power off	Manual off by push button or Auto shut off		
	after 10 minuite(Not activated during		
W	memory record function).		
Data Output	RS 232 PC serial interface.		
Over load	Indicated by "".		
indication	WWW. 100Y.COTTW		
Operating	0 °C to 50 °C (32 °F to 122 °F).		
Temperature	WWW.10 COM. TW		
Operating	Max. 80% RH.		
Humidity	M. 100 COM.		
Power Supply	Heavy duty type DC 9V battery,		
Dr. COM.T	006P, MN1604(PP3) or equivalent.		
Power Current	Approx. DC 8.3 mA.		
Weight	381 g/0.84 LB (included batteries & probe)		
Size	Main instrument:		
	180 x 72 x 32 mm(7.1 x 2.8 x1.3 inch).		
	Sensor Head:		
W. Tony.Co	Round,72 mm Dia.		
Accessories	Instruction manual1 PC.		
	Sensor probe1 PC.		
100 ×	carrying case1 PC.		

#### GENERAL SPECIFICATIONS

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Circuit	Custom one-chip microprocessor LSI				
	circuit.				
Display	Dual function display, 13 mm(0.5")				
	super large LCD display with contrast				
	adjustment for best viewing angle.				
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.				
Memory	Records Maximum and Minimum				
Recall	readings with recall.				

### ELECTRICAL SPECIFICATIONS (23 $\pm$ 5 °C)

A. Air velocity

Measurement	Range	Resolution	Accuracy
m/s	0.4 - 25.0 m/s	0.1 m/s	WW 1100Y.C.
km/h	1.4 - 90.0 km/h	0.1 km/h	MM 1100X'C
mile/h	0.9 - 55.9 mile/h	0.1 mile/h	± (2 % + 1 d)
knots	0.8 - 48.6 knots	0.1 knots	
ft/min	80 - 4930 ft/min	1 ft/min	± (2 % + 20 ft/min

#### Note:

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 (international knot)

B. Temperature

Measuring Range	0 ℃ to 50 ℃/32 °F to 122 °F
Resolution	± 0.1 °C/0.1 °F
Accuracy	± 0.8 °C/1.5 °F

 $<sup>^{\</sup>star}$  Appearance and specifications listed in this brochure are subject to change without notice.