

out side air speed measurement CUP ANEMOMETER

Model : AM-4220

ISO-9001, CE, IEC1010



FEATURES

- * Out side air speed measurement.
- * 0.9 to 35.0 m/s, ft/min., km/h. knots.
- * All in one, hand held type.
- * Cup type probe, high reliability.
- * LCD display, Record
 - (max., min.).
- * Data logger.
- * Water resistance, heavy duty.
- * DC 1.5V battery (UM-4, AAA) x 4.



The Art of Measurement

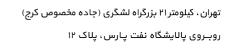


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Wind speed measurement, pocket type, IP-65

CUP ANEMOMETER

Model : AM-4220

1. FEATURES

* Cup vane anemometer, available for wind speed				
measurement, high reliability.				
* Measurement range : 0.9 to 35.0 m/s				
* Unit : m/s, km/h, ft/min, knot, mile/h.				
* LCD display.				
* IP 65, water resistance.				
* Microprocessor circuit ensures high accuracy and				
provides special functions and features.				
* Records Maximum and Minimum readings with recall.				
* 100 point data logger with recall.				
* Data hold.				
* Auto power off saves battery life.				
* Operates from DC 1.5V (UM4/AAA) x 4 PCs batteries.				
* Low-friction ball vane wheels is accurate in both high				
and low velocities.				
* Durable, long-lasting components, enclosed in strong,				
compact ABS-plastic housing.				

Sensor	Cup van probe with low friction ball		
Structure	bearing design.		
Data Hold	Freeze the display reading.		
Memory Recall	Maximum & Minimum value.		
Sampling Time	Approx. 1 second.		
of display			
Power off	Auto shut off saves battery life or		
	manual off by push button.		
Operating	0 to 50 ℃.		
Temperature			
Operating	Less than 80% R.H.		
Humidity			
Power Supply	DC 1.5 V battery (UM4/AAA) x 4 PCs,		
Power Current	Approx. DC 6.8 mA		
Weight	181 g/ 0.4 LB. @ Battery is included.		
Dimension	Main instrument :		
	190 x 40 x 32 mm (7.5" x 1.6" x 1.3")		
	Cup vane(3 cups with arm):		
	135 mm dia.		
Accessories	Instruction manual1 PC		
Included	Carrying case1 PC		

2. SPECIFICATIONS

2-1 General Specifications

Display	LCD size : 28 mm x 19 mm.			
Measurement	m/S (meters per second)			
Unit	Km/h (kilometers per hour)			
	Knot (nautical miles per hour)			
	ft/min (feet per minute)			
	mile/h (miles per hour)			
Circuit	Custom one-chip of microprocessor LSI			
	circuit.			
Data Logger	Max. can save 100 point data with recall.			
	Manual, push the data logger button			
	once will save data one time.			

2-2 Electrica	I Specifications	(23±5℃)

Measurement	Range	Resolution	Accuracy @ reading
m/S	0.9 - 35.0 m/S	0.1 m/S	± (2%+0.2 m/S)
Km/h	2.5 - 126.0 Km/h	0.1 Km/h	± (2%+0.8 Km/h)
Knot	1.4 - 68.0 Knots	0.1 Knots	± (2%+0.4 Knots)
Ft/min	144 - 6895 Ft/min	1 Ft/min	± (2%+40 Ft/min)
Mile/h	1.6 - 78.2 Mile/h	0.1 Mile/h	± (2%+0.4 Mile/h)

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

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