out side air speed measurement

CUP ANEMOMETER

Model : AM-4220   *ISO-9001, CE, IEC1010*

www.yalab.com.tw   02-2389-0101

Range : 0.9~35 m/s

POWER
Logger ▲

Unit
>2S
HOLD ↵

REC ▼

20.0
m/S

Lutron AM-4220

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.

ISO 9001
SGS

UKAS
QUALITY
MANAGEMENT

LT Lutron

The Art of Measurement

www.YaLAB.com.tw

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 Structure	Cup van probe with low friction ball bearing design.
Data Hold	Freeze the display reading.
Memory Recall	Maximum & Minimum value.
Sampling Time of display	Approx. 1 second.
Power off	Auto shut off saves battery life or manual off by push button.
Operating Temperature	0 to 50 ℃.
Operating Humidity	Less than 80% R.H.
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 Included	Instruction manual........................ 1 PC Carrying case.............................. 1 PC

2. SPECIFICATIONS

2-1 General Specifications

Display	LCD size : 28 mm x 19 mm.
Measurement Unit	m/S (meters per second) 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 Electrical Specifications (23± 5 ℃)

Measurement	Range	Resolution	Accuracy @ readin
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.

AM-4220+0609