+ Temperature

ANEMOMETER

Model : LM-81AT   *ISO-9001, CE, IEC1010*

FEATURES

* Anemometer : 0.4 to 30.0 m/s, Temperature.
* Anemometer unit : m/s, km/h, MPH, knots, ft/min.
* Thermometer : ℃/℉.
* Data hold, Record (Max., Min.).
* Tiny bone shape with light weight and pocket size.
* DC 9V battery (006P) or DC 9V adapter in.

LUTRON ELECTRONIC   *The Art of Measurement*

Air velocity + Temperature

ANEMOMETER
Model : LM-81AT

FEATURES

* Measure and display the Air velocity (wind speed) and temperature value at the same time.
* Tiny bone shape with lightweight and small size case design are suitable for handling with one hand.
* Wristlet design provides extra protection to the instrument especially for user one hand operation.
* Low-friction ball bearing mounted vane wheel design provides high accuracy at high and low air velocity.
* Build in microprocessor circuit assures excellent performance and accuracy.
* Concise and compact buttons arrangement, easy operation.
* Memorize the maximum and minimum value with recall.
* Air velocity measuring units selectable by pressing button on the front panel for five kinds of units.
* Hold function to freeze the current reading value.

Operating Humidity	Max. 80% RH.
Operating Temperature	0 to 50° C (32 to 122° F)
Over Input Display	Indication of "- - - - "
Power Supply	006P DC 9V battery (Heavy duty type)
Power Consumption	Approx. DC 8 mA
Weight	153 g/0.34 LB *battery included*
Dimension	156 x 60 x 33 mm 6.14 x 2.36 x1.29 inch
Standard Accessory	Instruction Manual
Optional Accessories	Carrying case, CA-52A

GENERAL SPECIFICATIONS

Measurement	Air velocity, Temperature *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.- ℃,℉*
Circuit	Custom one-chip microprocessor LSI circuit.
Display	LCD size : 19 mm x 32 mm. *Dual display to show the air velocity* *and the temperature at the same time.*
Sensor Structure	*Air velocity sensor :* Conventional twisted vane arms and low-friction ball-bearing design. *Temperature sensor :* Precision thermistor.
Memory Recall	Records Maximum, Minimum readings with recall.
Power off	Manual off by push button or Auto shut off after 10 minuite(Not activated during memory record function).

ELECTRICAL SPECIFICATION (23 ± 5℃)

Air Velocity

Unit	Range	Resolution	Accuracy
ft/min	80 to 5910 ft/min	1 ft/min	≦ 20 m/s :
m/s	0.4 to 30.0 m/s	0.1 m/s	± 3% F.S.
km/h	1.4 to 108.0 km/h	0.1 km/h	> 20 m/s :
MPH	0.9 to 67.0 mile/h	0.1 MPH	± 4% F.S.
knots	0.8 to 58.3 knots	0.1 knots	

Remark :
   ft/min : feet per minute
   m/s : meters per second
   km/h : kilometers per hour
   MPH : miles per hour
   knots : nautical miles per hour

Air temperature

Measuring Range	0 ℃ to 50 ℃/32 ℉ to 122 ℉
Resolution	0.1 ℃/0.1 ℉
Accuracy	± 0.8 ℃/1.5 ℉