

# DIGITAL ANEMOMETER Model KM 910 MK-1

## FEATURES :

- Measurement of wind velocity, temperature and flow.
- Unit conversion of wind velocity, temperature and flow.
- Measurements of maximum and minimum wind velocity..
- Measurements of 2/3 Vmax and average wind flow.
- Data holding, storing and deleting function.
- Low battery indicating function.
- It turn off automatically within 10 minutes if there is no further operation.
- Memory of 500 records.
- MAX/MIN/AVG function
- Backlight.
- Connecting to PC With USB cable.
- Audio key pressing alert.
- Large LCD display.

## GENERAL SPECIFICATIONS :

- **Wind Velocity** : 0.0 ~ 45.0m/s / 0.0 ~ 100mph
- **Wind Flow Range** : CMM : 0~999900m<sup>3</sup>/min  
CFM : 0~999900ft<sup>3</sup>/min
- **Unit Conversion.**
- **Air Temp Range** : °C : 0.1~ 45.0°C; 0.1 ~ 113.0°F
- **Operation Conditions** : Host 0 ~ 50°C; Fan 0 ~ 60°C
- **Operating Temperature** : -40°C ~ 60°C (40°F ~ 140°F)  
Humidity less than 80% RH
- **Power supply** : AAA 1.5V Alkaline battery (x4)
- **Weight** : 330g (Not included battery)
- **Dimension** : 77 x 36 x 164mm (meter)  
65 x 29 x 172mm (Vane)



- **Accessories** : User Manual, Battery, USB Cable, Software CD & Carrying case.

## ELECTRICAL SPECIFICATIONS : KM 910 MK-1

### Wind Velocity Measurement

Unit	Wind Velocity	Resolution	Lowest Point of start value	Accuracy
m/s	0.0 ~ 45.0	0.001	0.3	± 3% + 0.1
ft/min	0.0 ~ 8800	0.01/0.1/1	60	± 3% + 20
knots	0.0 ~ 88.0	0.01/0.01	0.6	± 3% + 0.2
km/h	0.0 ~ 140.0	0.001	1.0	± 3% + 0.4
mph	0.0 ~ 100	0.001/0.01	0.7	± 3% + 0.2

### Unit Conversion:

	m/s	Ft/min	Knots	Km/h	Mph
1m/s	1	196.87	1.944	3.60	2.24
1ft/min	0.00508	1	0.00987	0.01829	0.01138
1knots	0.5144	101.27	1	1.8519	1.1523
1km/h	0.2778	54.69	0.54	1	0.6222
1mph	0.4464	87.89	0.8679	1.6071	1

### Storage Conditions:

Temperature	-40°C~60°C (-40°F~140°F)
Humidity	≤ 80%RH

### Wind Flow Range:

CMM: 0~999900m<sup>3</sup>/ min  
CFM: 0~999900 ft<sup>3</sup>/ min

Unit	Range	Resolution	Area
CFM (FT <sup>3</sup> MIN)	0~999900	0.001~100	0.001~9999
CMM (M <sup>3</sup> MIN)	0~999900	0.001~100	0.001~9999

### Air Temperature Range Wind Temperature

Unit	Scale	Resolution	Accuracy
°C	0.0 ~ 45.0	0.1	± 1.0°C
°F	32.0 ~ 113.0	0.1	± 1.8°F

### Operation Conditions:

	Temperature	Humidity
Host	0 ~ 50°C(32°F~ 122°F)	≤ 80%RH
Sensor	0 ~ 60°C(32°F~ 140°F)	

All Specifications are subject to change without prior notice.