

HOT WIRE ANEMOMETER Model KM 734 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. it will not turn off automatically if there is powered by USB source.
- Memory of 350 records.
- Backlight.
- Connecting to PC With USB cable.
- Audio key pressing alert.
- Large LCD display.

GENERAL SPECIFICATIONS :

- **Wind Velocity** : 0.0-30.0~ 0.0-65
- **Wind Flow Range** : CMM : 0~999900m³/min
CFM : 0~999900ft³/min
- **Unit Conversation**
- **Air Temp Range** : °C-0.1~ 0.0-45.0; °F-0.1~32.0-113.0
- **Operation Conditions** : Host 0.50°C; Sensor 0.60°C
- **Operating Temperature** : -40 ~ 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



ELECTRICAL SPECIFICATIONS :

Wind Velocity Measurement

Unit	Wind Velocity	Resolution	Lowest Point of start value	Accuracy
m/s	0.0 ~ 30.0	0.001	0.3	± 3% + 0.1
ft/min	0.0 ~ 5860	0.01/0.1/1	60	± 3% + 20
knots	0.0 ~ 55.0	0.01/0.01	0.6	± 3% + 0.2
km/h	0.0 ~ 90.0	0.001	1.0	± 3% + 0.4
mph	0.0 ~ 65	0.001/0.01	0.7	± 3% + 0.2

Unit Conversatin:

	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: 0~999900m³/ min
CFM: 0~999900 ft³/ min

Unit	Range	Resolution	Area
CFM (FT ³ MIN)	0~999900	0.001~100	0.001~9999
CFM (M ³ 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)	0.1
Sensor	0 ~ 60°C(32°F~ 140°F)	0.1

All Specifications are subject to change without prior notice.