DIGITAL HOT WIRE ANEMOMETER
Model - KM 735



CE Approved

✶ **Display :** Large LCD display with backlight

✶ **FUNCTIONS :**

- **Air Velocity Measurement :**
  m/s, km/hr, ft/min, MPH, Knots & build in temperature ºC / ºF, humidity %RH
- **Measurement Range :**
  Air Velocity : 0~25 m/s (0 ~ 5000 ft/min)
  Air Flow : 0 ~ 999900 m^3 / min (ft^3 / min)
  Temperature : -20°C ~ 60°C (-4°F ~ 140°F)
  Humidity : 0 ~ 100% RH
- **Accuracy :**
  Velocity / Flow : ± 3% reading ± 1% F.S.(0 to 20m/s)
  Temperature : ± 0.8°C (±1.5°F)
  Humidity : ± 3.5% RH (20% ~ 80%)
- **Resolution :**
  0.01m/s (1 ft/min), 0.001m^3 / min (ft^3 / min)
  0.1°C, 0.1°F, 0.1%RH
- **Sampling Rate :** 2 time / sec
- **Telescopic Probe Length :** 330 to 870mm (4 sections)
- **Cable Length :** 1890mm
- **Max. Extension Length :** 2220mm

✶ **ADDITIONAL FUNCTIONS :**

- Air velocity compensation in atmospheric pressure
- Air flow measure: CMM, CFM
- Telescoping hot wire probe
- Fast response
- Min / Max / Avg & 2 / 3Vmax function
- With USB interface supply power
- Adjustable auto power off timer
- Data Hold function
- Battery Life indicator
- Tilt Stand

✶ **Power supply :** Single 9V Alkaline Battery.
✶ **Dimension :** Approx. 185(L) X 65(W) X 36(H)mm
✶ **Weight :** Approx. 410 g.(including battery)
✶ **Accessories :** User Manual, Battery, Carrying case.

HOT WIRE ANEMOMETER WITH PC INTERFACE
Model - KM 734 MK-1

Data Logging
350 Records



✶ **Display :** LCD backlight display with bar graph.

✶ **FUNCTIONS :**

- **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

- **Wind Flow Range:** CMM:0~999900m^3/ min CFM: 0~999900 ft^3/ min

Unit	Range	Resolution	Area
CFM	0~999900	0.001~100	0.001~9999
CFM	0~999900	0.001~100	0.001~9999

- **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

- **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

- **Storage Temperature :** -40 ~ 60°C (-40°F ~ 140°F)
  Humidity less than 80% RH

✶ **ADDITIONAL FUNCTIONS :**

- Measurements of 2/3 Vmax and average wind flow.
- Data hold, Storage and delete function.
- Low battery indication.
- Memory of 350 records
- Connecting to PC With USB cable.
- Audio key pressing alert.
- Auto Power off within 10 minutes.

✶ **Power supply :** AAA 1.5V Alkaline battery x 4
✶ **Dimension :** Approx. 77 x 36 x 164mm (Meter)
Approx. 30.5 x 30.5 x 305mm (Probe retracted)
✶ **Weight :** Approx. 330g. (not including battery)
✶ **Accessories :** Users Manual, Battery, USB Cable
Software CD & Carrying Case

DIGITAL ANEMOMETER
Model - KM 908 MK1



CE Approved

✶ **Display :** LCD Backlight dual display.

✶ **FUNCTIONS :**

- **Measuring Parameters :** Air Velocity & Air Temperature
- **Unit of Velocity :** M/s, ft/min, Knots, Km/h, mph
- **Temperature Range :** 0°C ~ +45°C (32°F ~ 113°F)
- **Temperature Accuracy :** ± 2°C / ± 3.6°F
- **Temperature Resolution :** 0.2°C / 0.36°F

Air Velocity

Unit	Range	Resolution	Threshold	Accuracy
M/s	0 ~ 45	0.1	0.3	±3% ± 0.1dgts
Ft/min	0 ~ 8800	19	60	±3% ± 10dgts
Knots	0 ~ 88	0.2	0.6	±3% ± 0.1dgts
Km/hr	0 ~ 140	0.3	1	±3% ± 0.1dgts
Mph	0 ~ 100	0.2	0.7	±3% ± 0.1dgts

Temperature

Unit	Range	Resolution	Accuracy
°C	0°C ~ +45°C	0.2	± 2°C
°F	32°F ~ 113°F	0.36	± 3.6°F

✶ **ADDITIONAL FUNCTIONS :**

- **Measuring ranges :** Air Velocity & Air Temperature
- **Unit of Velocity :** M/s, ft/min, Knots, Km/h, mph
- ºC / ºF temperature Selection
- Beaufort scale indication.
- Wind chill indication.
- Max / Min / Average / Current reading.
- Data hold
- CE Approved.
- Low battery indication
- Auto power off..

✶ **Power supply :** 9V battery
✶ **Dimension :** Approx. 145 x 72 x 35 mm
Vane: 172 x 65 x 29 mm
✶ **Weight :** Approx. 275 g.(including battery)
✶ **Accessories :** User Manual, Battery & Carrying case.