CFM / CMM AIR FLOW THERMO ANEMOMETER WITH PC INTERFACE
Model - KM 910 MK1

Data Logging 500 Records



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

✳ FUNCTIONS :

- **Measu. Parameters :** Wind Velocity, Temperature & Flow
- **Unit of Velocity :** M/s, ft/min, Knots, Km/h, mph
- **Air Temperature Range :** 0°C ~ 45.0°C (32°F ~ 113°F)
- **Temperature Accuracy :** ± 1°C / ± 1.8°F
- **Temperature Resolution :** 0.1°C / 0.1°F

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

Wind Flow Range:
CMM: 0~999900m³/ min ; CFM: 0~999900 ft³/ min

Unit	Range	Resolution	Area
CFM (FT³MIN)	0~999900	0.001~100	0.001~9999
CMM (M³MIN)	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

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

✳ ADDITIONAL FUNCTIONS :

- Measurements of 2/3 Vmax and average wind flow.
- Data holding, storing and deleting function.
- Memory of 500 records.
- MAX / MIN / AVG function
- Connecting to PC With USB cable.
- Low battery indication
- Auto power off within 10 minutes

✳ **Power supply :** 1.5V X 4 AAA battery
✳ **Dimension :** Approx.77 X 36 X 164mm (meter)
Approx. 65 X 29 X172mm (Vane)
✳ **Weight :** Approx. 330 g.(not including battery)
✳ **Accessories :** User Manual, Battery & Carrying case.

DIGITAL TEMPERATURE / AIR VOLUME / VANE ANEMOMETER
Model - KM 8022



Tripod Mounting Stand

It is used to measure the wind speed & Volume flow at ventilation outlets. It can be used for measurement of Humidity & Temprature.

✳ **Display :** 4 digits LCD Backlight dual Display.

✳ FUNCTIONS :

- **Measuring Parameters :**
  Velocity : m/s, km/h, fpm, mph, kts, Beaufort.
  Air Volume : m^3 /h, m^3 /s, CFM
  Temperature : °C, °F
  Humidity : % RH.
- **Measuring Range :**
  Velocity : 0.4 ~ 20m/s, 80 ~ 4000fpm
  Air volume : 99999 m^3/h
  Temperature : -10 ~ 50°C, 14 ~ 122°F
  Humidity : 0 ~ +100% RH.
- **Resolution:**
  Velocity : 0.1m/s, fpm;
  Air volume : 1 m^3/h;
  Temperature : 0.1°C 0.1°F;
  Humidity : 0.1% RH;
- **Accuracy :** Velocity : ±(2% or reading + 0.3 m/s),
  ±(2% of reading + 60 fpm),
  Air volume : ± (3% of reading) m^3/S
  Temperature : ± 1°C ± 1.8°F
  Humidity : ± 3% RH (5 ~ 95% RH).
- **Sample Rate :** 2 time / sec

✳ ADDITIONAL FUNCTIONS :

- Backlight display.
- Maximum, Minimum Data Hold function.
- Low Battery Indication & Auto Power Off.

✳ **Power supply :** DC 1.5V x 3 AAA battery.
✳ **Dimension :** Approx. 121(L) x 60(W) x 30(H)mm.
✳ **Weight :** Approx. 150 g.(including battery)
✳ **Accessories :** User Manual, Battery & Carrying case

DIGITAL ANEMOMETER
MODEL - KM 8022MK-1



✳ **Display :** LCD backlight Dual display.

✳ FUNCTIONS :

- **Wind Velocity Measurement**

Unit	Measurement Range	Resolution	Threshold	Accuracy
m/s	0 ~ 30	0.1	0.3	± 5% + 0.1
ft/min	0 ~ 5860	19	60	± 5% + 20
knots	0 ~ 55	0.1	0.6	± 5% + 0.2
km/h	0 ~ 90	0.3	1	± 5% + 0.4
mph	0 ~ 65	0.2	0.7	± 5% + 0.2

- **Wind Temperature Measurement**

Unit	Measurement Range	Resolution	Accuracy
°C	-10°C ~ +45°C	0.1	± 2°C
°F	14°F ~ 113°F	0.18	± 3.6°F

- **Temperature Sensor:**
  Negative Temperature Coefficient Resistance
- **Operating Temperature :** -10°C ~ +50°C (14°F ~ 122°F)
- **Humidity :** Less than 90% R.H.
- **Current Consumption :** About 7mA for backlight .

✳ ADDITIONAL FUNCTIONS :

- Simultaneously measure wind velocity & temperature
- Switch among max / average / current wind velocity
- **Two temperature units :** °C / °F
- Data Hold
- Auto Power off within 10 minutes.
- Wind chill indication
- Low battery indication

✳ **Power supply :** 1.5V x 3 AAA Battery.
✳ **Dimension :** Approx. 56.1(L) x 117(W) x 36.03(H)mm.
✳ **Weight :** Approx. 280g. (including battery)
✳ **Accessories :** Users Manual, Battery & Soft carrying pouch..