

## DIGITAL THERMO ANEMOMETER

Model KM-909

3 FUNCTIONS 6 RANGES



### APPLICATIONS :

- Airflow measurements in heating system.
- Airflow measurements of blower Ventilation & air conditioning system,
- Air ducts analysis
- Monitoring of process air
- By knowing the cross section area of the Duct , the total air flow ( cfm) can be calculated .

### FEATURES :

- Portable digital Thermo - Anemometer
- Simultaneously display of both temperature and wind speed.
- 4 Digit LCD Backlight Display.
- MAX - HOLD function.
- Highly accurate NTC Sensor
- Measurement Units : knots, mph, Km/h, m/s, ft/min.
- Moving 2 / 16 second average with MIN / MAX / AVERAGE
- Memory of maximum, minimum and average record for both temperature and wind speed
- Air velocity average reading upto 8 multiple points.
- Auto power off function
- 2 meters coiled cable and mounting nut (1/4" x 20) for long extension.
- Fan diameter 75mm

### GENERAL SPECIFICATIONS :

- \* **Operating Temperature Meter :** 0°C to 50°C (32°F ~ 122°F), < 75 % relative humidity  
**Vane :** 0°C to 60°C (32°F ~ 140°F),
- \* **Storage Temperature:** -20°C to 55°C at < 80 % relative humidity
- \* **Low battery indication :** The " " is displayed when the battery voltage drops below the operating level.
- \* **Power Supply :** standard 9 v battery
- \* **Dimensions :** 770 (H) x 65.5 (W) x 35 (D)mm (including vane)
- \* **Weight :** Approx. 390g. Including battery and probe.

### ACCESSORIES :

Operating Manual, Battery, Carrying case.

### ELECTRICAL SPECIFICATIONS : KM 909

#### TEMPERATURE Accuracy at 23°C ± 5°C, < 80 % relative humidity

<b>Temperature scale</b>	Celsius or Fahrenheit, user - selectable
<b>Temperature sensor</b>	NTC
<b>Measurement range</b>	-20° C to 60° C / - 4° F to 140° F
<b>Measurement rate</b>	1 per second .
<b>Resolution</b>	0.1° C / °F
<b>Accuracy</b>	± 1.0°C on -20°C to 0°C, 45°C to 60°C ± 0.5°C on 0°C to 45°C ± 2.0°F on - 4°F to 32°F, 113°F to 140°F ± 1.0°F on 32°F to 113°F

#### WIND VELOCITY MEASUREMENT

Units	Resolution	Threshold	Range
<b>m/s</b>	0.01	0.3	0.0 -30.0
<b>ft/min</b>	1	60	0.0 - 5900
<b>knots</b>	0.1	0.6	0.0 - 58.0
<b>mph</b>	0.1	0.7	0.0 - 67.0
<b>km/h</b>	0.1	1.1	0.0 - 108.0

Accuracy : ± 3 % Full Scale

All Specifications are subject to change without prior notice