



An ISO 9001:2008 Company

® HOT WIRE THERMAL ANEMOMETER

Model KM 734

KM 734 Thermal Anemometer is a kind of sophisticated instrument. It will lead you make a new step in the field of precision measurement with high precise & sensitive probe.

Anemometer is mainly used in Electric Power, Iron and Steel, Petrochemicals, Energy and other Industries.

FEATURES :

- Very low air velocity measurement.
- Slim probe, ideal for grilles & diffusers.
- Combination of hot wire & standard thermistor, deliver rapid & precise measurements.
- Records maximum / minimum readings with recall & data hold.
- Microprocessor circuit assures maximum possible accuracy, provides special functions & features.

GENERAL SPECIFICATIONS :

- Multi-functions for air flow measurements : m/s, km/h, ft/min, MPH, Knots & build in Volume CFM / CMM.
- Super large LCD display with backlight, reading the air velocity & temp. at the same time.
- **Display** : LCD size 43 x 57mm
- Thermistor sensor for Temperature measurement, fast response time. Built in °C / °F.
- Data Hold record & hold the max / min reading
- **Current** : 60 ~ 90mA
- **Sampling rate** : about 0.8s
- **Operating Temperature** : 0 ~ 50°C (32 ~ 122°F) Humidity less than 80% RH
- **Power supply** : 9V battery
- **Weight** : 240g (with holster)
- **Dimension** : 200 x 85 38mm
- **Accessories** : hot wire sensor, battery & adapter.



Preliminary Data

ELECTRICAL SPECIFICATIONS :

AIR VELOCITY

Range	Resolution	Accuracy
0.10 ~ 25.00 m/s	0.01 m/s	± (3% + 0.20 m/s)
0.3 ~ 90.0 km/h	0.1 km/h	± (3% + 0.8 km/hr)
20 ~ 4926 ft/min	1 ft/min	± (3% + 40 ft/m)
0.2 ~ 55.8 mph	0.1 mph	± (3% + 0.4 MPH)
0.2 ~ 48.5 knots	0.1 knots	± (3% + 0.4 knots)

AIR TEMPERATURE

Range	Resolution	Accuracy
32~122°F (0 ~ 50°C)	0.1°F / °C	±1.8°F / 1°C

All Specifications are subject to change without prior notice.



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