# Metal ANEMOMETER PROBE

**Model : YK-200PAM**                    *ISO-9001, CE, IEC1010*

## FEATURES

* Anemometer probe ( YK-200PAM ) connect with YK-2001TM will become a professional Anemometer
* Metal vane structure, heavy duty.
* Low-friction vane wheel assures high accuracy measurement result both in high or low velocities.
* Plug and play function, whenever you plug Anemometer probe  in YK-2001TM, no calibration procedures are required to be done.
* Multi-functions for air flow measurement:  m/s, km/h, ft/min, knots, mile/h, ℃ , ℉
* Thermistor sensor for Temp. measurement fast response time.
* Two temperature units, i.e. ℃ or ℉.
* Wide applications: air conditioning, heating systems measure air velocitie wind speed and temperature...etc.

**LUTRON ELECTRONIC**

*The Art of Measurement*

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| * Thermistor sensor for Temp. measurement fast response time. |
| * Microprocessor circuit. |
| * Dual LCD display, show both wind velocity & temp. values. |
| * Records Maximum and Minimum readings with RECALL facilities. |
| * Data hold function. |
| * Auto shut off prolongs battery life. |
| * RS 232 PC serial interface. |
| * Two temperature units, i.e. ℃ or ℉. |
| * Wide applications: air conditioning, heating systems measure air velocities, wind speed and temperature...etc. |

| GENERAL SPECIFICATIONS | |
|---|---|
| Circuit | Custom one-chip microprocessor LSI circuit. |
| Measurement | Air velocity : m/s, km/h, mile/h, knots, ft/min. |
| | Temperature : ℃, ℉. |
| Memory Recall | Records Maximum and Minimum readings with RECALL facility. |
| Power off | Manual power off by push button or Auto power off (Not activated during memory record function). |
| Data Output | RS 232 PC serial interface. |
| Over load indication | Indicated by "- - - -". |
| Sampling Time | Approx. 0.8 second. |
| Operating Temperature | 0 to 50 ℃ |
| Operating Humidity | Max. 80% RH. |
| Size | Probe : Round, 70 mm Dia. x 140 mm length. |
| Accessories Included | Instruction manual...........................................1 PC. Anemometer probe.......................................... 1 PC. |

### ELECTRICAL SPECIFICATIONS(23 ± 5℃)

**Anemometer**

| Unit | Range | Resolution | Accuracy |
|---|---|---|---|
| m/s | 0.4 - 35.0 m/s | 0.1 m/s | |
| km/h | 1.4 - 126.0 km/h | 0.1 km/h | ± ( 2 % + 2 d ) F. S. |
| mile/h | 0.9 - 78.3 mph | 0.1 mile/h | |
| knots | 0.8 - 68.0 knots | 0.1 knots | |
| ft/min | 79 - 6890 ft/min | 1 ft/min | ± ( 2 % + 20 ft/min ) F. S. |

F. S. = full scale
m/s - meters per second             km/h - kilometers per hour
ft/min - feet per minute             knots - nautical miles per hour
mile/h - miles per hour                      (international knot)

**Temperature**

| Measuring Range | 0 ℃ to 60 ℃ /32 ℉ to 140 ℉ |
|---|---|
| Resolution | 0.1 ℃ /0.1 ℉ |
| Accuracy | ± 0.8 ℃ /1.5 ℉ |

* Appearance and specifications listed in this brochure are subject to change without notice.          0510-YK200PAM