

MINI VANE ANEMOMETER PROBE

Model : YK-200PAS

ISO-9001, CE, IEC1010



LUTRON ELECTRONIC

The Art of Measurement

mini vane

ANEMOMETER PROBE

Model : YK-200PAS

FEAATURES
* Anemometer probe (YK-200PAS) connect with YK-2001TM will become a professional Mini Vane Anemometer
* 13 mm dia, metal structure, heavy duty mini vane with telescope probe available for high temp. air velocity measurement.
* Low-friction vane wheel assures high accuracy measurement.
* PLug and Play function, whenever you plug Anemometer probe (YK-200PAS) 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, °C, °F
* 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. °C or °F.
* Powered by 006P DC 9V battery
* Wide applications: air conditioning, heating systems measure air velocities, wind speed and temperature...etc.

SPECIFICATIONS	
Circuit	Custom one-chip microprocessor LSI circuit.
Measurement	m/s : 0.4 - 12.0 m/s knots : 0.8 - 24.0 knots km/h : 1.4 - 42.0 km/h ft/min : 80 - 2400 ft/min mile/h : 0.9 - 27.0 mile/h Temperature : 0 - 50 °C / 32 - 122 °F.
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 °C - main instrument. 0 to 80 °C - probe only.
Operating Humidity	Max. 80% RH.
Size	Probe : Vane - 13 mm dia. Telescope probe length - Max. 600 mm.
Accessories Included	Instruction manual.....1 PC. Mini Vane Anemometer probe.....1 PC.

ELECTRICAL SPECIFICATIONS (23± 5°C)			
<i>Anemometer</i>			
<i>Unit</i>	<i>Range</i>	<i>Resolution</i>	<i>Accuracy</i>
m/s	0.4 - 12.00 m/s	0.01 m/s	± (2 % + 0.2 d) F. S.
km/h	1.4 - 43.2 km/h	0.1 km/h	
mile/h	0.9 - 26.8 mile/h	0.1 mile/h	
knots	0.8 - 23.3 knots	0.1 knots	± (2 % + 20 ft/min) F.S.
ft/min	80 - 2358 ft/min	1 ft/min	
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)			
<i>Temperature</i>			
<i>Measuring Range</i>		0 °C to 50 °C/32 °F to 122 °F	
<i>Resolution</i>		0.1 °C/0.1 °F	
<i>Accuracy</i>		0.8 °C/1.5 °F	