

Anemometer

8901

Remote Probe for RH / Temp • RH / Temp/ Dew Point/ Alarm •
Capacitance Polymer Sensor • RS232 Interface



Features

- Professional Remote Vane with built-in thermistor
- Instant display of CFM and CMS & Temperature.
- Mode selectable for air velocity or free area air flow volume measurement.
- Calculate air volume in seconds !
- Display multiple engineering units.
- Single point / multi point average. Average display reading with up to 8 data points.
- Data Hold freezes displayed value.
- Large LCD display.
- Meter includes Hard plastic carrying case, Battery 9 volt x 1, Manual.
- Optional RS232 software (CDR & PC cable).
- Serial format: Baud rate: 2400 bit/ sec
 Stop bit:1
 Data bit:
 8 TXXX.XF VXXXXFTM
 TXXX.XC VXXXXMPS

Specifications

Temperature range :	-10 to 50°C	Auto power off :	20 Min. sleep mode disable.
Airspeed ranges :	0.4 to 35m/ sec.	Dimensions :	181x71x38mm. (H x W x T)
Resolution (Temperature) :	0.1°C, 0.1°C	Low battery indicator.	
Resolution (Wind speed-FTM) :	1ft/ min	Probe Specifications :	
Resolution (Air volume-CFM) :	0.01m/sec	Length of Probe :	155mm
Accuracy (Airspeed) :	±2%FS	Width of Probe :	45 mm
Accuracy (Temperature) :	±0.6°C (1.0°C)	Depth of Probe :	23 mm
Memory :	Minimum/ Maximum.	Diameter of Wind Vane :	75 mm
Operating Temp :	0 to 50°C	Depth of Wind Vane :	43 mm
Operating Humidity :	Max.90%RH (0 to 35°C).	Length of Probe Cable :	500 mm



Anemometer Comparison

Calibration testing to ISO / IEC method 17025

<u>Specifications</u>	<u>8901</u>	<u>8903</u>	<u>8906</u>	<u>8910</u>
Vane Separate / Integral		Separate	Integral	Integral
Accuracy +/-	2 % FS 0.6°C	3 % FS 1°C	3 % FS 1°C	5 % FS 1°C
Resolution : m/s	0.01 ms	0.01 ms	0.01 ms	0.1 ms
Resolution : degrees C	0.1°C	0.1°C	0.1°C	0.1°C
RS 232 Interface	#	#	#	
Dew Point	•	•	•	•
Range (minimum)	0.4 ms	0.4 ms	0.4 ms	1.1 ms
Range (maximum)	35 ms	30 ms	30 ms	20 ms
Response time	0.5 sec	0.5 sec	0.5 sec	0.5 sec
Max. Hold	•	•	•	•
Max. Min. Average Air Speed	•	•	•	•
CE Approval	•	•	•	•
Hold Data	•	•	•	•
Auto Power Off	•	•	•	•
Power Check	•	•	•	•
Air Velocity	•	•	•	•
Air Volume	•		•	
Multi Point Measured	•		•	
Tripod Mountable				•
Windchill				•
Relative Humidity				•
Storm Warning with Alarm				•
Heat Index				•
Barometric Bar Charts - 16hrs				•
Altitude - 600 to 1880m				•
Water Resistant & Shock Proof				•
Hard Carrying Case	•	•	•	
Colour Box / White Box				•
Size : Length (mm)	180	183	183	140
Size : Width (mm)	73	76	76	45
Size : Thickness (mm)	38	45	45	25

• = Yes # = Optional

