

# 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

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

● = Yes    # = Optional