

Anemometer

8910

New Portable Weather Station with Unique Storm Warning Feature



Features

- A simple, hand-held meter for monitoring
 - Wind Speed / Air Velocity
 - Temperature
 - Relative Humidity / RH
 - Dew Point
 - Windchill
 - Altitude
 - Heat Index
 - Barometric Pressure and upcoming storms.
 - Unique feature to Forecast Weather with Storm Warning Function : 0,-2h,-4h,-8h,-16h bar chart shows the development of air pressure over the last 16 hours
 - Records maximum readings.
- Twin button for multi-functions.
 - Alarm functions are built-in for storm warning feature.
 - Sealed precision thermistor & humidity sensor.
 - Water resistant and shock proof housing.
 - Replaceable lithium battery and impeller.
 - Pocket-knife design makes it convenient.
 - Low battery indication.

Specifications

Wind Speed Functions:

Modes:	Current Wind Speed, Maximum Wind Speed, and Average Wind Speed.
Scales	Beaufort, Knots, MeterPerSecond, MilePerHour, FeetPerMinute, KilometerPerHour.
Accuracy	+ / - 3% or + / - last significant digit.
Range	1.1 to 20 M/S ; 60 to 3937 FM ; or 0.5 to 44.7 MPH 0.4 to 38.8KNT ; 1 to 8BFT ; 0.8 to 72KMH
Response Time	1 second

Temperature Functions:

Modes:	Temperature
Accuracy	+ / - 1
Range	-15 to 50
Response Time	1 second

Atmospheric Pressure Functions:

Scales	hPa (millibar) / inches of mercury (inHg)
Accuracy	+ / - 3hPa (at-10 to 60)
Range	400 to 1100 hPa (11.8 to 32.5 inHg)
Response Time	15 minutes
Operating Temp.	-20 to 65
History	16 Hours recall trends

Humidity Functions:

Modes:	Relative Humidity
Scales	RH%
Accuracy	+ / - 3%
Range	0% to 100% RH
Response Time	15 sec. in slowly moving air at 25
Operating Temp.	-40 to 85

Other Functions :

Modes:	Wind Chill, Dew Point, and Heat Index
Accuracy	Dew Point +/- 2 Windchill +/- 1 Heat Index +/- 3
Modes:	Altitude
Range	-600 to 1880 Meter



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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

