

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 38.8 KNT ; 1 to 8 BFT ; 0.8 to 72 KMH
Response Time	1 second

Temperature Functions:

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

Atmospheric Pressure Functions:

Scales	hPa (millibar) / inches of mercury (inHg)
Accuracy	+ / - 3hPa (at -10 to 60°C)
Range	400 to 1100 hPa (11.8 to 32.5 inHg)
Response Time	15 minutes
Operating Temp.	-20 to 65°C
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°C
Operating Temp.	-40 to 85°C

Other Functions :

Modes:	Wind Chill, Dew Point, and Heat Index
Accuracy	Dew Point +/- 2°C Windchill +/- 1°C Heat Index +/- 3°C
Modes:	Altitude
Range	-600 to 7000 metres

Anemometer Comparison

Calibration testing to ISO / IEC method 17025

<u>Specifications</u>	<u>8901</u>	<u>8910</u>
Vane Separate / Integral	Separate	Integral
Accuracy +/-	2 % FS 0.6°C	5 % FS 1°C
Resolution : m/s	0.01 ms	0.1 ms
Resolution : degrees C	0.1°C	0.1°C
RS 232 Interface	#	
Range (minimum)	0.4 ms	1.1 ms
Range (maximum)	35 ms	20 ms
Response time	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	140
Size : Width (mm)	73	45
Size : Thickness (mm)	38	25

● = Yes # = Optional