

# 8910 Anemometer

New Portable Weather Station with Unique Storm Warning Feature



The 8910 Anemometer wind speed meter can measure the Wind Speed, Windchill, Temperature, Humidity, Dew Point temperature, Barometric Press, Heat Index and Altitude.

The Windchill temperature is referred to as the “feels like” temperature. It is based on the rate of heat loss from exposed skin caused by the effects of wind and cold. As the wind increases, the body is cooled at a faster rate causing the skin temperature to drop. Windchill does not impact inanimate objects like car radiators and exposed water pipes, because these objects cannot cool below the actual air temperature.

The 8910 Windchill Anemometer is the best choice as a wind speed monitoring device in HVAC (Heating, Ventilation and Air Conditioning), industrial related application, agriculture and outdoor activities.

## Features

The 8910 Anemometer is a simple, hand-held meter for monitoring

- Wind speed
- Temperature
- Windchill
- Relative humidity
- Dew point
- Heat index
- Barometric pressure and upcoming storms
- Altitude

## Other Features include:

- 0,-2h,-4h,-8h,-16h bar chart shows the development of air pressure over the last 16 hours, forecasts future weather
- 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



## Technical Specifications

### Wind Speed Functions:

Modes	Current Wind Speed, Maximum Wind Speed, and Average Wind Speed
Scales	Beaufort, Knots, Meter Per Second, Mile Per Hour, Feet Per Minute, km/h
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 1,100 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 – ±3% °C Windchill – ±1% °C Heat Index – ±3% °C
Modes:	Altitude
Range	-600 to 7,000 metres
Accuracy:	± 25 metres

## Packing List

8910 Anemometer
Calibration Certificate
Certificate of Conformance
Lanyard
1 X CR2032 Lithium battery
Instruction Manual

