

# Digital Anemometer for Wind Speed and Temperature Measurement

This digital anemometer is designed for measuring wind speed and temperature. It features a clear LCD display showing current, maximum, and minimum readings.



## Overview

### Professional Wind Speed & Temperature Measurement

The EM2220 is a versatile digital anemometer designed for precise measurement of both air velocity and ambient temperature. This compact instrument is capable of capturing instantaneous, maximum, and minimum readings, making it ideal for HVAC diagnostics, environmental monitoring, and indoor airflow analysis. Featuring a clear LCD display and multiple measurement units, it provides reliable data for professional B2B applications.

## Key Performance Metrics

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**35 m/s**

Max Wind Speed

**60 °C**

Max Temperature

**95.4 g**

Device Weight

## Wind Speed Specifications

### Wind Speed Measurement Ranges

Unit	Range	Resolution	Accuracy
m/s	0.8 – 35.0	0.1	±(5% + 0.5m/s)
km/h	2.88 – 126.0	0.22	±(5% + 1.80km/h)
ft/min	157.4 – 6890	11.8	±(5% + 98.4ft/min)
mph	1.79 – 78.40	0.14	±(5% + 1.12mph)
knots	1.55 – 68.04	0.12	±(5% + 0.97knots)

## Temperature Specifications

### Temperature Measurement Ranges

Unit	Range	Resolution	Accuracy
Celsius (°C)	0 - 60°C	0.1°C	±2°C
Fahrenheit (°F)	32 - 140°F	0.2°F	±3.6°F

## Functional Features

Measurement Modes	Instantaneous Speed, Maximum Speed, Minimum Speed, Instantaneous Temp, Maximum Temp, Minimum Temp, Data Hold
Auto Power Off	Approximately 20 minutes of inactivity

## Physical Characteristics

### IP Degree

IP10

### Dimensions

160mm x 54mm x 31.5mm

## Power Supply

### Battery Requirement

- 3 x 1.5V AAA batteries
- Low battery indicator on display

## Environmental Limits

### Operating Conditions

- Temperature: 0°C to +45°C
- Humidity: < 80% RH
- Indoor use only

### Storage Conditions

- Temperature: -10°C to 50°C
- Humidity: < 85% RH