

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