

Digital Anemometer



Registered No. 325327



This instrument used to measure the wind speed is portable, fast, has accurate reading, digital readability and has the convenience of a remote sensor separately.

It has multifunction display. It has data hold facility. It is used to measure wind velocity in the range of 0.4 to 30 m/s. It is hand held type and has 3-1/2 Digits LCD Display.

Features

- ▣ The portable anemometer provides fast, accurate readings, digital readability and the convenience of a remote sensor separately.
- ▣ Multi-functions for airflow measurement: m/s, km/h, f/min, knots
- ▣ Low friction, ball-bearing design allows free vane movement, resulting in accuracy at both high & low velocities
- ▣ A sensitive balanced vane wheel rotates freely in response to air flow
- ▣ Conventional twisted vane arms, always a source of unreliability have been eliminated
- ▣ DATA HOLD function for stored the desired value on display
- ▣ Large LCD display, easy-to-read
- ▣ LCD display for low power consumption & clear read-out even in bright ambient light condition
- ▣ Used the durable, long-lasting components, including a strong, light-weight ABS plastic housing case
- ▣ Small & light-weight design allow one hand operation
- ▣ Wide applications: use this anemometer to check air-conditioning & heating systems, measure air velocities, wind speeds etc
- ▣ Exclusive one chip of micro processor LSI Circuit

Simplifying Technology Redefining Value ...



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General Specifications

Display	10mm (0.4") LCD (Liquid Crystal Display) 4 Digits
Measurement	m/s (meters per second) km/h (Kilometers per hour) f/min (feet per minute) knots (nautical miles per hour) Data Hold
Operating Temperature	0°C - 50°C (32°F to 122 °F)
Operating Humidity	less than 80%, max 90% RH (0°C to 35°C)
Air Velocity Sensor Structure	Conventional twisted vane arms and low-friction ball bearing design
Power Supply	4 x 1.55 V AA size battery
Power Consumption	Approx DC 25 mA
Weight	325 g/0.72 lb (including battery)
Dimension	Main Instrument: 168 x 80 x 35 mm (6.6 x 3.2 x 1.2 inch) Sensor Head: Round, 72 mm dia

Standard Accessories Instruction manual, sensor probe, carrying case

Electrical Specifications

Measurement	Range	Resolution	Accuracy
m/s	0.4 - 30.0 m/s	0.1 m/s	± (2% + 1d)
km/h	1.4 - 108.0 km/h	0.1 km/h	± (2% + 3d)
f/min	80 - 5910 f/min	1 f/min	± (2% + 2d)
knots	0.8 - 58.3 knots	0.1 knots	± (2% + 2d)

Temperature Measurement

Temp.measuring range: 0°C to 60°C / 32°F to 140°F

Temp.measuring range: 0.1°C / 0.1°F

Temp.measuring range: ± 0.5°C / 0.9°F



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