

Product Data Sheet

Manufacturer : Airflow Developements

Model : Anemo Cup Anemometer

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'Wind Speed and Strength in an Instant'

The Airflow Anemo wind speed and strength cup Anemometer is a highly versatile instrument perfect for all those who need to measure outdoor conditions, accurately and economically. Ergonomically designed for one handed operation the meter is weather resistant and ruggedly constructed to withstand everyday use. Reading directly in km/h, m/sec and knots, Anemo also indicates wind strength in the Beaufort scale. Using the internationally accepted rotating cup principle, accurate and comparative readings are repeatedly achieved even in gusty, uni-directional wind conditions.

APPLICATIONS

Anemo is an invaluable part of any meteorological test kit and readily lends itself to a wide range of applications where the monitoring of wind conditions can play a critical part in ensuring that public health and safety is maintained. For example, recent official advice states that the spillage of flue-gasses from domestic open-fluid appliances should be monitored in wind conditions below 4 m/sec. With Anemo you can check these conditions together with many other applications including:

- **EDUCATIONAL:** Meteorological studies, research.
- **ENVIRONMENTAL:** Landfill sites, roof top HVAC plant, safety monitoring
- **INDUSTRIAL:** Petro-chem plants, toxic emission stacks.
- **CONSTRUCTION:** Cranes, platforms, high rise building safety.
- **LEISURE:** Yachting, Athletics, Wind Surfing, and Gliding.

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OPERATION

The instrument is operated easily with one hand. When held at arms length from the body across the general direction of wind flow, readings are instantly indicated by red pointers aligning with four easy to read scales indicating wind speed and strength. Reliability is assured with the durable thermoplastic body designed for use in all weathers, and, because of the mechanical design, which requires no batteries, Anemo may also be operated in low level hazardous areas and will provide many years of trouble free measurement.

FEATURES:

- Instant readings of wind speed and strength.
- Simple one handed operation.
- Easy to read scales in km/h, m/s, knots and Beaufort.
- Tough thermoplastic construction with protective cap.
- Helps assess outdoor safety conditions affecting building services, landfill sites and toxic discharge flues.

SPECIFICATION

Model	Anemo
Scales	
Wind Speed	0-120 km/h 0-35 m/sec 0-66 Knots
Wind Strength	0-12 Beaufort
Accuracy	±3 km/h
Dimensions	205mm x 100mm radius
Weight	325 grams

WIND STRENGTH GUIDELINES**Source: Beaufort Scale**

Wind Strength	Up to km/h approx	Description
0	2	Calm
1	6	Light Air
2	11	Light Breeze
3	19	Gentle Breeze
4	25	Moderate Breeze
5	35	Fresh Breeze
6	45	Strong Breeze
7	55	Moderate Gale
8	65	Fresh Gale
9	77	Strong Gale
10	90	Whole Gale
11	105	Storm
12	120	Hurricane

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