

Anemometer DB22-236C

Anemometer is widely used in data collection for boiler, refrigeration industry, ventilation duct, environment monitor, navigation measurement, weather forecast, collection of the weather datum for outdoor busywork and fire department.

Anemometer DB22-236C, can measure air velocity, Air flow, Beaufort Scale, wave height, direction and temperature.

- Backlight Display
- Metric/Imperial Conversion
- Can store 254 groups of data
- Readings Memory, Readings Review
- Buzzer Sound Reminder
- Measured Value Hold Function
- Manual/Auto Power off
- Low Battery Indicator
- Real time measurement reading transmission function
- Computer Connection



Anemometer DB22-236V

Anemometer DB22-236V, can measure air velocity, Air flow, Beaufort Scale, wave height and temperature.

- Backlight Display
- Metric/Imperial Conversion
- Can store 254 groups of data
- Readings Memory, Readings Review
- Buzzer Sound Reminder
- Measured Value Hold Function
- Manual/Auto Power off
- Low Battery Indicator
- Real time measurement reading transmission function
- Computer Connection



Range Specifications

Test Parameters		Range	Resolution	Accuracy
Air Velocity	m/s (meters per sec)	0.4~45.0	0.1 m/s	±(2%+0.1m/s)
	km/h (kilometers/hour)	1.4~162.0	0.1 km/hr	±(2%+0.1km/hr)
	ft/min (feet per minute)	80~8860	0.1 ft/min	±(2%+1ft/min)
	knots (nautical MPH)	0.8~88.0	0.1knots	±(2%+0.1nots)
Air Flow	CMM (cubic meters/min)	0~9999	0.001 to 1	±(2%+0.1m³/min)
	CFM (cubic ft/min)	0~9999	0.001 to 1	±(2%+0.1ft³/min)
Beaufort Scale		0~12	0.1	±0.5
Direction (DB22-236C Only)		0~360°	22.5°	±22.5°
Wave Height (m)		0~14	0.1	±0.1
Air Temperature		32~140°F	0.1°F	0.9°F
		0~60°C	0.1°C	0.5°C

General Specifications

Model		DB22-236C	DB22-236V
Display		0.5" (13mm) 4-digit LCD	
Measurement Units		Air Velocity: m/s, km/h, ft/min,knots	
		Air Flow: CMM (m³/min); CFM (ft³/min)	
		Beaufort Scale: Force	
		Wave Height: m	
		Direction: °from the North direction	
		Temp: °C & °F	
Data Hold		Maximum Value	
Data Memorized		24 Groups	
Sampling Rate		Reading Per Second Approx.	
Sensor		Air Velocity/Flow Sensor: 3-Cup Probe	Air Velocity/Flow Sensor: Conventional Angled Vane Arms With Low-Friction Ball Bearing
		Direction Probe: Low Friction Probe	Direction Probe: -
		Temperature Sensor: Precision Thermistor	
Automatic Power Off		0-9 Minutes Set By Users	
Operation Temperature		0~50°C (32~122°F)	
Operation Humidity		< 80% RH	
Power Supply		4x1.5V AAA (UM-4) Battery	
Size	Main Unit	140x77x32mm	140x77x32mm
	3 Cup Probe	65x65x115mm (2.6x2.6x4.5")	-
	Direction Probe	86x69x115mm (3.4x2.7x4.5")	-
	Vane Probe	-	72mm Diameter
Weight (Including Battery)		375g (13.23oz)	260g (9.17oz)
Standard Accessories		Main Unit	
		3-Cup Probe	-
		Direction Probe	-
		-	Vane Arms With Low-Friction Ball Bearing
		Carrying Case	
		Operation Manual	
Optional Accessories		USB Cable & Software	
		Bluetooth Adapter & Software	

Data Statistics Software

This powerful software provides the user with the means to analyze their test results. Through continuous inspection data statistic will help you to reduce re-work and scrap levels - increasing your profits and quality. With the computers and printers, the following functions can be realized:

- * Data Management (Excel file output)
- * Charting
- * Printing



Data Transmission Methods

There are two ways to transmission measurement data:

- * USB Data Cable wired output
- * Bluetooth Adapter wireless output

By these two ways above, data transmission from the gauge to computer can be realized.

Among them, there are two optional Bluetooth adapters: 10 meter Bluetooth adapter and 100 meter Bluetooth adapter.

