



Function

1. Measurement of wind velocity, temperature and flow
2. Unit conversion of wind velocity, temperature and flow
3. Measurement of maximum and minimum wind velocity
4. Measurement of 2/3 Vmax and average wind flow
5. Data holding, storing and deleting function
6. Low battery indicating function
7. Auto power off function (power off automatically if no further operation for 10 minutes)
8. Memory of 500 records
9. Backlight
10. Connecting to PC with USB cable
11. Audio key pressing alert
12. Large LCD display
13. Retractable drag rod

LCD Display

1. Air flow symbol
2. No data store symbol
3. Dynamic indicator bar of velocity or air flow
4. Enter duct area values symbol
5. Air multiplier
6. Wind velocity and air flow display area
7. Duct area display area/Wind temperature display
8. Low battery icon
9. Indicating duct area in square feet when in flow function ; °F is used to indicate wind temperature in metric;
10. Indicating duct area in square meter in flow function, "°C" is used to indicate wind temperature in metric.
11. Wind flow unit (cube meter / minute)
12. Wind flow unit (cube foot / minute)
13. Wind velocity unit (mile / hour)
14. Wind velocity unit (sea mile / hour)
15. Wind velocity unit (foot / minute)
16. Wind velocity unit (kilometer / hour)
17. Wind velocity unit (meter / second)
18. Data hold
19. Windchill symbol
20. Velocity sampling rate; Sequential number display area of average wind flow
21. When connecting PC with USB cable, this symbol appears
22. Wind velocity symbol
23. Recording the using number and signals
24. Read stored data symbol
25. 2/3 of maximum value measurement (one of the wind flow measuring method)
26. Showing minimum values
27. When measuring average values (one of the wind flow measuring Method) this symbol appears.

Specification

Wind Velocity Range

Unit	Wind Velocity	Resolution	Lowest Point of start value	Accuracy
M/s	0~45	0.001	0.3	±3% ±0.1dgts
Ft/min	0~8800	0.01/0.1/1	60	±3% ±20dgts
Knots	0~88	0.01/0.1	0.6	±3% ±0.1dgts
Km/hr	0~140	0.001	1	±3% ±0.4dgts
Mph	0~100	0.001/0.01	0.7	±3% ±0.2dgts

Wind flow range : CMM:0-999900m³/min CFM:0-999900 ft³/min

Unit	Range	Resolution	Area
CFM(FT ³ /MIN)	0-999900	0.001-100	0.001-9999
CMM(M ³ /MIN)	0-999900	0.001-100	0.001-9999

Unit Conversatin

	m/s	Ft/min	Knots	Km/h	Mph
1m/s	1	196.87	1.944	3.60	2.24
1ft/min	0.00508	1	0.00987	0.01829	0.01138
1knots	0.5144	101.27	1	1.8519	1.1523
1km/h	0.2778	54.69	0.54	1	0.6222
1mph	0.4464	87.89	0.8679	1.6071	1

