



## Specification

### Wind Velocity Range

| Unit   | Wind Velocity | Resolution | Lowest Point of start value | Accuracy                       |
|--------|---------------|------------|-----------------------------|--------------------------------|
| M/s    | 0~45          | 0.001      | 0.3                         | $\pm 3\% \pm 0.1 \text{dgt}$ s |
| Ft/min | 0~8800        | 0.01/0.1/1 | 60                          | $\pm 3\% \pm 20 \text{dgt}$ s  |
| Knots  | 0~88          | 0.01/0.1   | 0.6                         | $\pm 3\% \pm 0.1 \text{dgt}$ s |
| Km/hr  | 0~140         | 0.001      | 1                           | $\pm 3\% \pm 0.4 \text{dgt}$ s |
| Mph    | 0~100         | 0.001/0.01 | 0.7                         | $\pm 3\% \pm 0.2 \text{dgt}$ s |

Wind flow range : CMM:0-999900m<sup>3</sup>/min CFM:0-999900 ft<sup>3</sup>/min

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

## 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
- Low battery indicating function
- 6.Auto power off function (power off automatically if no further operation for 10 minutes)
- 7.Memory of 500 records
- 8.Backlight
- 9.Connecting to PC with USB cable
- 10.Audio key pressing alert
- 11.Large LCD display

## Diagram of the unit

- 1.USB interface
- 2.LCD display
3. : ON/ OFF key
4. :Data holding key
5. :Unit transform key
6. :Backlight on/off key
7. :Data read key
8. :Measuring key for average value of wind flow
9. :Reset key in READ mode/clear recorded
10. :Duct area input and sampling time setting key
11. :Wind flow AVG 2/3 MAX and figure input
12. :Data record key
13. :Temperature unit switch
14. :Wind velocity/flow transform 15.
15. :Max/Min value switch
16. Connecting wire
17. Fan
18. Fan

