



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## Anemometer With Temperature



### Description:

The model H400 is an easy to use anemometer with temperature meter. It is the perfect meter for measuring both wind speed and temperature.

### Features:

- Measure both temperature and air flow
- Selectable °C & °F measurements
- Displays air flow in m/s, km/h, mph, knots & ft/min
- Two year warranty
- Air velocity range: 0.9 to 55.9mph
- Temperature range: 32 to 122 °F (0 to 50 °C)

### Applications:

- HVAC
- Energy audits
- Environmental experiments
- Building maintenance
- Agriculture
- Science experiments



WARRANTY



### Specifications:

|                              |   |   |
|------------------------------|---|---|
| Display                      | 5 Digit LCD with bar graph indicator  |   |
| Unit of Measurement          | m/s ( meters per second)<br>km/h (kilometer per hour)<br>ft/ min (feet/per minute)<br>knots (nautical miles per hour)<br>mph (mile/h, miles per hour)<br>Temp. (°C, °F) |   |
| Sensor Structure             | Air velocity sensor: Conventional twisted vane arm and low friction ball bearing design   |   |
|                              | Temperature sensor: Precision thermistor  |   |
| Sampling Time of Data Logger | Manual  | Pushing the data logger button once will save data one time |
|                              | Auto  | 1, 2, 10, 30, 60, 600, 1800, 3600 seconds                   |
| Over Range Indicator         | “ _ _ _ _ ”   |   |
| Data Hold                    | Display freeze  |   |
| Memory                       | Saves MAX. or MIN values with recall  |   |
| Sampling Time                | Approximately 0.8 seconds   |   |
| Power Off                    | Auto or manual control  |   |
| Data Output                  | RS-232 Serial data output   |   |
| Operating Environment        | 32° to 122°F (0° to 50°C), <80% R.H.  |   |
| Power Supply                 | 6 Pieces of DC 1.5V Batteries (UM4, AAA or equivalent)  |   |
| Weight (2approx. .)          | 0.85lbs. (387g)   |   |
| Dimensions (2approx. .)      | Main instrument: 6.9 x 2.7 x 1.7” (174 x 68 x 42mm)   |   |
|                              | Sensor probe diameter: 2.8” (72mm)  |   |



### Includes:

- Anemometer
- Vane probe
- Instructional manual
- Hard carrying case
- 1.5V battery

### Air Velocity:

|         |            |                                     |
|---------|------------|-------------------------------------|
| m/s     | Range      | 0.4 - 25.0m/s                       |
|         | Resolution | 0.1m/s (>10m/s)<br>0.01m/s (<10m/s) |
|         | Accuracy*  | +(2% + 0.2m/s)                      |
| km/h    | Range      | 1.4 - 90.0km/h                      |
|         | Resolution | 0.1km/h                             |
|         | Accuracy*  | +(2% + 0.2m/s)                      |
| mph     | Range      | 0.9 - 55.9mph                       |
|         | Resolution | 0.1mph                              |
|         | Accuracy*  | +(2% + 0.2m/s)                      |
| knots   | Range      | 0.8 - 48.8knots                     |
|         | Resolution | 0.1knots                            |
|         | Accuracy*  | +(2% + 0.2m/s)                      |
| ft/ min | Range      | 80 - 4930ft/min                     |
|         | Resolution | 1ft/min                             |
|         | Accuracy*  | +(2% + 0.2m/s)                      |

### Temperature:

|                 |                           |
|-----------------|---------------------------|
| Measuring Range | 0° to 50°C / 32° to 122°F |
| Resolution      | 0.1°C / 0.1°F             |
| Accuracy*       | +0.8°C / 1.5°F            |
|                 |                           |



### This instrument conforms to:

- **EN61326:** Electrical equipment for measurement, control and laboratory use.
- **IEC61000-4-2:** Electrostatic discharge immunity test.
- **IEC61000-4-3:** Radiated, radio-frequency, electromagnetic field immunity test.
- **IEC61000-4-8:** Power frequency magnetic field immunity test.