A. FUNCTION
1. Air Velocity & Temperature measurement
2. Max/Min/Average/Current reading
3. °C / °F temperature unit selection
4. Five units of air velocity: M/s, Km/h, ft/min, Knots, mph
5. Data Hold
6. LCD backlight display
7. Manual/Auto power shut off
8. Beaufort Scale indication
9. Wind chill indication
10. Low battery indication

B. LCD DISPLAY

C. OPERATION
1. Prepare before measurement:
   Open the battery door and put one 9V battery into the compartment correctly. Then close the battery door; Connect the vane's cable to the main unit.
2. Turn on:
   Press [button] to turn on the unit. LCD blink a full display one second then display current air velocity and temperature; Backlight will be activated at the same time.
3. Set up unit of air velocity:
   Press [button], then "m/s" indication blinks. Press [button] can switch the five units: m/s, km/h, ft/min, knots and mph. Press [button] again to confirm the unit.
4. Set up unit of temperature
   Press [button] to switch temperature unit: °C / °F
5. Data hold:
   Press [button] to switch temperature unit: °C / °F
6. Set up backlight
   Press [button] for 2 seconds to turn on the backlight. Press it again for 2 seconds to turn off the backlight.
7. Max/Min/Avg/Current air velocity measure
   When power on and the vane spins, LCD display current air velocity. Press [button] button again and again can switch to MAX reading, MIN reading, AVG reading and go back to current reading.
8. Turn off:
   Press [button] button to turn off the unit. The unit will turn off automatically without any operation in one minute.

D. SPECIFICATION

Air velocity

<table>
<thead>
<tr>
<th>Unit</th>
<th>Range</th>
<th>Resolution</th>
<th>Threshold</th>
<th>Accuracy</th>
</tr>
</thead>
<tbody>
<tr>
<td>M/s</td>
<td>0~45</td>
<td>0.1</td>
<td>0.3</td>
<td>±3% ±0.1dgts</td>
</tr>
<tr>
<td>Ft/min</td>
<td>0~8800</td>
<td>19</td>
<td>60</td>
<td>±3% ±10dgts</td>
</tr>
<tr>
<td>Knots</td>
<td>0~88</td>
<td>0.2</td>
<td>0.6</td>
<td>±3% ±0.1dgts</td>
</tr>
<tr>
<td>Km/hr</td>
<td>0~140</td>
<td>0.3</td>
<td>1</td>
<td>±3% ±0.1dgts</td>
</tr>
<tr>
<td>Mph</td>
<td>0~100</td>
<td>0.2</td>
<td>0.7</td>
<td>±3% ±0.1dgts</td>
</tr>
</tbody>
</table>

Temperature

<table>
<thead>
<tr>
<th>Unit</th>
<th>Range</th>
<th>Resolution</th>
<th>Accuracy</th>
</tr>
</thead>
<tbody>
<tr>
<td>°C</td>
<td>0°C~+45°C</td>
<td>0.2</td>
<td>±2°C</td>
</tr>
<tr>
<td>°F</td>
<td>32°F~113°F</td>
<td>0.36</td>
<td>±3.6°F</td>
</tr>
</tbody>
</table>

Power supply
9V Battery

Operation temperature
-10°C~+50°C (-14°F~122°F)

Operating humidity
40%RH~85%RH

Store temperature
-20°C~+60°C (-4°F~140°F)

Store humidity
10%RH~90%RH

Packing information

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Main unit: 145x72x35mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accessory</td>
<td>Rubber pouch</td>
</tr>
<tr>
<td>Weight</td>
<td>276G (including battery)</td>
</tr>
</tbody>
</table>