



## User's Manual Mini Anemometer – 13/480/0



***Please read this user manual thoroughly before use  
and keep it safe for future reference.***

### 1. General Description

This Anemometer measures air velocity and temperature for Health and Safety Engineers and Industrial Safety Officers in a variety of industrial environments such as factories, schools, kitchens, garages and construction sites.

### 2. Features

- Provides continuous readings of air velocity in m/s, knots, km/h, mph, ft/min
- Stores Maximum and Minimum readings
- Hold function

### 3. Basic User Maintenance

This device contains no user serviceable parts and repairs should only be performed by qualified personnel. Calibration of this device is recommended every 12 months, but this is dependent upon frequency of use and the environment in which it is used.

Clean by wiping the unit with a soft dry cloth, do not use abrasives or solvents on this instruments.

The battery will need to be replaced periodically, see section 10.

### 4. Safety

Read the following safety information carefully before attempting to operate this meter.

Use the meter only as specified in this manual; otherwise, the readings provided by the meter may be impaired.

#### **Suitable conditions for use:**

Altitude up to 2000 metres

Storage and operating conditions: -20 to 60°C, RH≤90% (Non-Condensing)

**CE** EMC compliant (IEC61672-1 Class 2)

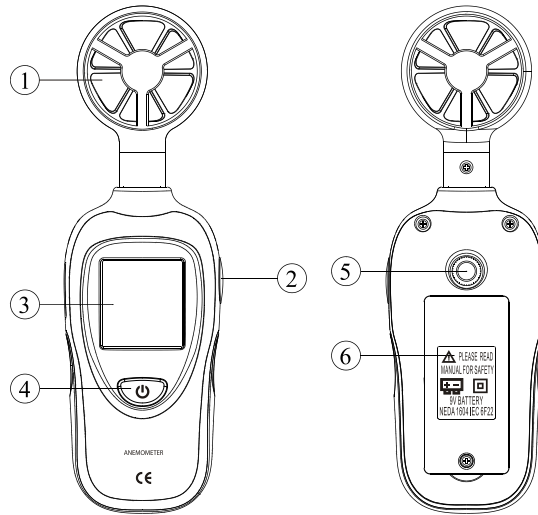
### 5. Specifications

Air Velocity Range	Resolution	Accuracy
0.4 ~30.0 m/s	0.1 m/s	±( 3% + 0.3 m/s )
1.4 ~108 Km/h	0.1 Km/h	±(3% + 1.0 Km/H )
0.9 ~67.0 MPH	0.1 MPH	±( 3% + 0.4 MPH )
0.8~58.0 knots	0.1 knots	±(3%+0.4 knots )

<b>Applied Standards</b>	IEC61672-1 Class 2
<b>Display</b>	3 ½ digits
<b>Sampling Time</b>	1 reading per second
<b>Max Hold</b>	MAX
<b>Min Hold</b>	MIN
<b>Auto power off</b>	Meter automatically shuts down after approx. 15 minutes of inactivity
<b>Power Supply</b>	One 9V battery, 006P or IEC 6F22 or NEDA 1604.
<b>Battery Life</b>	>30 hours
<b>Dimensions (L*W*H)</b>	175 * 55 * 38mm
<b>Weight</b>	90g

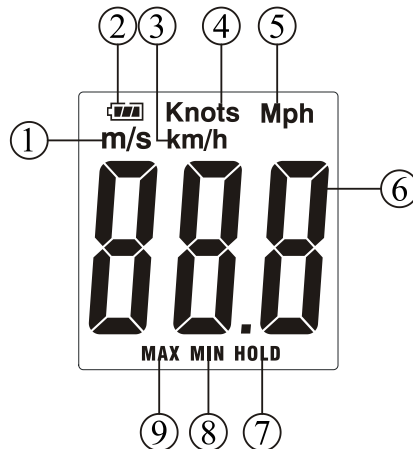
## 6. Meter Description

- (1) Vane sensor
- (2) MAX/MIN button
- (3) LCD display
- (4) Power ON/OFF button
- (5) Tripod nut
- (6) Battery compartment



## 7. LCD Display Description


1. Velocity unit: m/s
2. Low battery indication
3. Velocity unit: km/h
4. Velocity unit: Knots
5. Velocity unit: Mph
6. Velocity readings
7. MIN icon
8. MAX icon




## 9. Operating Instructions


### Backlit & Power ON/OFF Function


**Power ON:** Press and release the power button "  " and the LCD screen will be activated.

**Power OFF:** Press and hold the power button "  " for approximately 3 secs until the meter switches off.


**Backlit:** When the meter is on, press the power button "  " again and the backlight will be switched on. Pressing the power button again will switch it off, but it will automatically turn off after approximately 30 secs of inactivity.

### MAX/MIN Function

**Max-Min Function:** After turning the meter on, press and release the "  " button. The "MAX" icon will appear on the screen and the highest reading recorded since it was last switched on will be displayed.

Pressing the "  " button again will display the minimum reading. Pressing it again will revert to real time readings of air speed.

### Changing the units

Press and hold the "  " button and the units will change from m/s to km/h. repeat to toggle through the available units.

## 10. Notes on use

- Hold the meter in your hand or use the tripod nut to fix the meter in a desired location.
- Remove the battery when the meter is to be stored for long periods of time to avoid battery leakage.
- Keep the vane sensor dry and avoid severe vibration.
- Temperature measurements are in °C only.

## 11. Changing the battery

Open battery cover by removing the small securing screw.

Install a 9-volt battery in the battery compartment.

Close the battery compartment.

When the low battery icon "  " appears, replace the battery.

