



# protech QM1647 Handheld Anemometer User Manual

[Home](#) » [protech](#) » **protech QM1647 Handheld Anemometer User Manual**

## Contents [ [hide](#) ]

- [1 protech QM1647 Handheld Anemometer](#)
- [2 Introduction](#)
- [3 Precautions Before Use](#)
- [4 Specification](#)
- [5 Meter Description](#)
- [6 LCD Description](#)
- [7 Operating Instructions](#)
  - [7.1 Button Instruction](#)
- [8 Announcements](#)
- [9 Install/Replace Batteries](#)
- [10 Maintenance and Cleaning](#)
- [11 Documents / Resources](#)
- [12 Related Posts](#)

# protech

**protech QM1647 Handheld Anemometer**



## Introduction

- This product is a mini anemometer, which can measure air velocity and temperature.
- This product is a mini-anemometer has the characteristics of compact and portable, high contrast band induction backlight screen, comfortable hand feeling, etc.
- It uses a new low power chip design, supplemented by scientific algorithm, independent software innovation, independent circuit improvement, so as to achieve accuracy, stability, cost-effective beyond, and create benefits for users.
- It is easy to operate, convenient and fast to use, and can be used for daily environmental monitoring in residential areas, families, workshops, workplaces and other places.

## Precautions Before Use

- Please read the instructions carefully before using.
- The operating ambient temperature of this product is (0-50) °C and the relative humidity (<80%) RH.
- Please do not expose this product to extreme temperatures (<-20°C or > 50°C) or to excessive humidity (>85%RH).
- This product is not waterproof, please wipe the surface with alcohol when cleaning.
- To obtain a stable and accurate degree, place the instrument in the measuring environment for 3-5 minutes.
- If you find any problem, please contact with the seller, do not disassemble and repair yourself.

## Specification

## **Air Velocity Measurement**

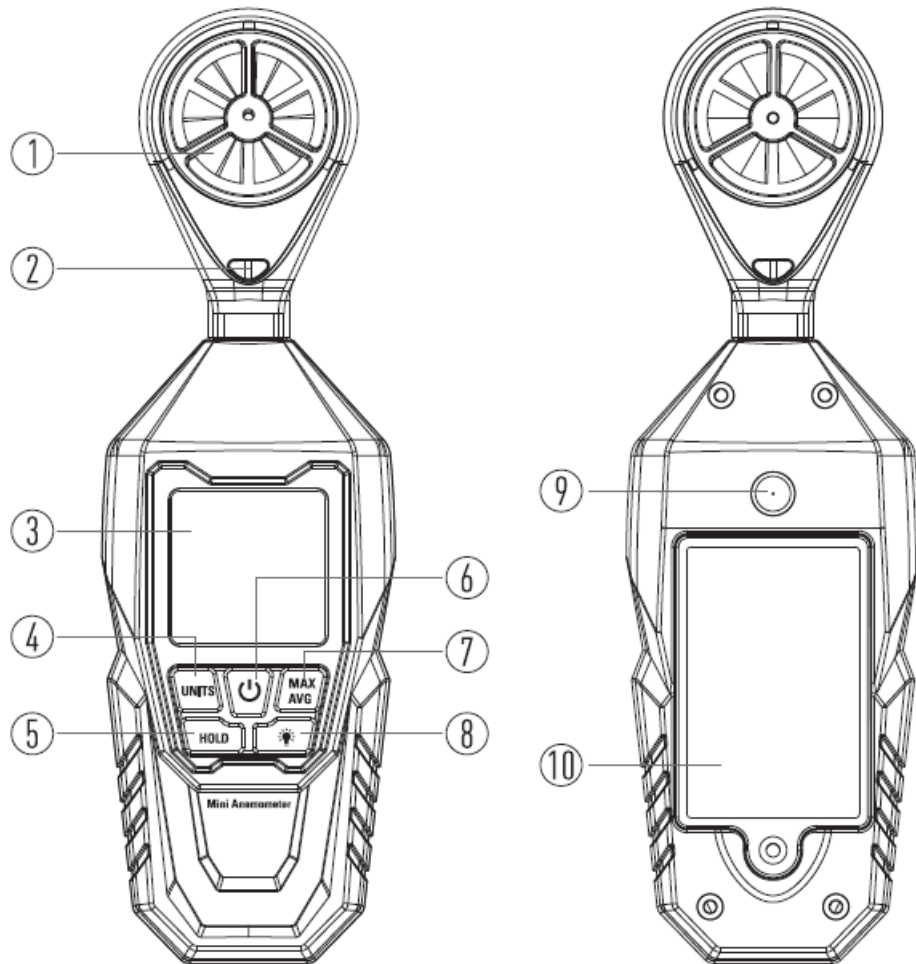
- **Range** 0.0 to 30.0 m/S
- **Accuracy**  $\pm 0.5 \pm 5\%$  m/s
- **Resolution** 0.1 m/s

## **Temperature Measurement**

- Temperature Range -20 to 50°C (-4 to 122°F)
- Accuracy  $\pm 2^\circ\text{C}$  (4°F)
- Overload Prompt Liquid crystal display "OL"
- Resolution 0.1°C/°F
- Operating temperature 0 to 50°C (32 to 122°F)
- Operation Humidity <80%RH
- Storage Temperature -10 to 60°C (14 to 140°F)
- Storage Humidity <80%RH
- Battery 3 x AAA Batteries

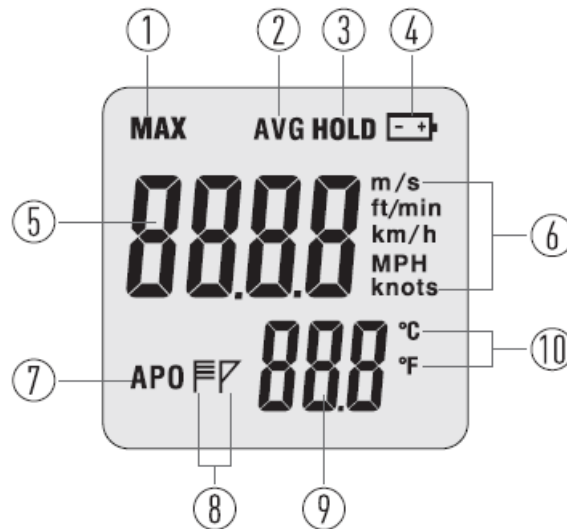
## **Meter Description**

1. Wind Speed Sensor
2. Temperature Sensor
3. LCD Display
4. Units Switch Button
5. Data Hold Button
6. Power On/Off Button
7. MAX/AVG Button
8. Backlight On/Off Button
9. Triangular Hole
10. Battery Cover



## LCD Description

1. Maximum value measurement mode enable symbol
2. Average measure mode enable symbol
3. Data hold mode enable symbol
4. Low battery indication symbol
5. Wind speed data
6. Unit of wind speed
7. Auto Power Off mode enable symbol
8. Wind speed level symbol
9. Temperature data
10. Temperature units



## Operating Instructions

### Button Instruction

#### UNITS Button

##### Switch Units of Wind Speed:

- Press the UNITS Button to switch units of wind speed.
- There are five units of wind speed, which are m/s, ft/min, km/h, MPH and knots.
- The switching order is: m/s-ft/min-km/h-MPH-knots-m/s.
- The default unit of booting is m/s.

##### Switch Units of Temperature:

- Long press the UNITS Button to switch units of temperature, which can be changed to degrees Celsius or Fahrenheit.
- The switching order is: °C-°F-0 c.
- The default unit of startup is °C.

#### Power Turn ON/OFF

- Simply press the Power On/Off Button to turn on.
- Press and hold the Power On/Off Button to turn off.

#### MAX/ AVG Button

- Press the MAX/AVG Button to switch to MAX /AVG mode.
- The order of switching is: NULL-AVG-MAX-NULL.

#### Data Hold Button

## HOLD Mode Turn ON/OFF:

- Press the Data Hold Button to enter the HOLD mode, and the measured values of temperature and wind speed remain unchanged.
- Press the Data Hold Button again to exit the HOLD mode and enter the normal measurement mode.

## APO Mode Turn ON/OFF:

- Long press the Data Hold Button to start/close the APO mode of the instrument.
- By default, the startup APO mode will be automatically turned on.
- Long press the Data Hold Button to turn off the automatic shutdown mode, and long press the Data Hold Button again to start the APO mode.


## Backlight Button

- Press the Backlight Button to turn on backlight.
- Press the Backlight Button again to turn off backlight.


## Auto Power Off Instruction

- When the device is turned on, the “APO” symbol appears on the screen, and APO function is started by default.
- If there is no button operation in the instrument, the device will automatically shut down within 10 minutes.
- Long press the Data Hold Button to cancel APO function.

## Wind Symbol Instruction

- When wind speed is measured, The “” symbol on the LCD interface represents the measurement degree of wind power.
- There are 5 levels to represent the real-time measurement of wind speed.


## Low Battery Instruction

- When the low batty symbol “” appears on the LCD screen, it means the battery should be replaced .
- Open the battery case and replace the expired battery with a new battery [3x 1.5v battery] to avoid data misreading.

## Announcements

- Do not place the instrument in an overheated environment to avoid damage to the chassis.
- The instrument hood should be carefully protected and avoid falling to avoid damaging the fan and causing abnormal data collection.
- Do not throw away the waste batteries after use, so as not to cause environmental pollution.

## Install/Replace Batteries

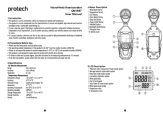
- When the battery power is low, the instrument will be prompted with the low electric symbol” , please replace the new AAA battery.
- Unscrew the back cover screw, open the battery cover and replace the battery.
- When not in use for a long time, please remove the battery to extend the service life and prevent battery leakage from damaging the instrument.
- Please pay attention to the polarity of the battery, wrong placement may cause damage to the product.

## Maintenance and Cleaning

- If necessary, use wet cloth and non-irritating detergent to clean the equipment and wipe the machine case.
- Do not use corrosive or irritating cleaners.
- Clean the screen with a dry cloth.
- Please keep the instrument in an appropriate temperature and humidity environment.
- Do not immerse the product in water or other liquids.

Distributed by: Electus Distribution Pty. Ltd. 320Victoria Rd, Rydalmere, NSW 2116 Australia  
[www.electusdistribution.com.au](http://www.electusdistribution.com.au) Made in China

## Documents / Resources

	<p><a href="#">protech QM1647 Handheld Anemometer</a> [pdf] User Manual QM1647, QM1647 Handheld Anemometer, Handheld Anemometer, Anemometer</p>
---	---