



# Dahec Instrumentacion

## LOW-BATT

1. When the display value is fuzzy or not show, it shall promptly replace the battery, unscrew battery cover and replace the battery, pay attention to the polarity of battery.
2. Please re-calibrate the meter after replace the battery.

## Calibration Tip

For accurate calibration, please use two beakers for each buffer solution, put buffer solution in one

beaker, other one is used to clean the electrode, the pollution of the buffer solution can be minimized

## Attention

The instrument need re-calibrate in the following condition

1. Long time no use or use very long time after calibration
2. The electrode is used very frequently
3. The testing accuracy requirement is very high
4. Do not press the "CAL" button long time in the air, otherwise the meter need re-calibrate

## PH electrode maintenance

1. Always re cap the protective cap after using PH meter to keep electrode from drying out due to prolonged exposure to air, which leads to slow or unstable readings
2. If electrode has been dried out, immerse it into distilled water for a few hours

## Specification

**Measure Range:** 0.00 - 14.00 pH  
**Resolution:** 0.01 pH  
**Accuracy:** +/- 0.01 pH  
**Power Supply:** 2 x 1.5 V LR44 button cells

**Operating Temperature:** 0°C - 60°C

**Calibration:** two points automatic calibration

**Dimension:** 153 x 29 x 16 mm  
**Weight:** 52g

## Battery replacement

When the battery symbol

appears on the display.

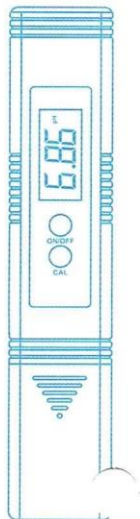
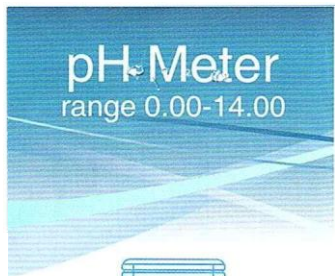
When the meter cannot be switched on or the display fades, pull out the battery compartment and replace all two 1.5V batteries, while paying attention to their polarity.

## Warranty

The instrument is warranted to the purchaser for a year from the date of purchase.

If during these periods, repair or replacement of the instrument is required, please return the manual and the instrument to our factory, we will solve all the problems for you (required: damage is not due to negligence or erroneous operation by the user)

Note: Please provide purchase invoice or proof before returning your instruments back.



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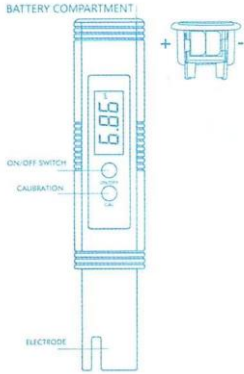


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## Product presentation

## Calibration Step

### Product presentation



### 1. Turn on PH meter



2. Immerse the electrode in PH 6.86 standard buffer solution (under the temperature of 25 e)
3. After digit stabilized, press the wCAL button for 5 seconds and release.

-Display screen will start flashing 6.86  
-Wait until the display screen stops flashing and display "end", the PH 6.86 point calibration complete.

4. Clean the electrode with distilled water and wipe it use filter paper.



5. Immerse the electrode in PH 4.01 standard buffer solution (under the temperature of 25 e)
6. After digit stabilized, press the wCAL button for 5 seconds and release.

-Display screen will start flashing 4.01  
-Wait until the display screen stops flashing and display "end", the PH 4.01 PH point calibration complete.

7. Clean the electrode with distilled water and wipe it use filter paper.



8. Immerse the electrode in PH 9.18 standard buffer solution (under the temperature of 25 e)
9. After digit stabilized, press the "CAL" button for 5 seconds and release.

-Display screen will start flashing 9.18  
-Wait until the display screen stops flashing and display "end", the PH 9.18 PH point calibration complete. (allowable Range 9.17PH - 9.19PH )

10. This instrument calibration work is completed after all steps, please Clean the electrode with distilled water and wipe it use filter paper. and Re cap the PH meter.

## Operation

1. Remove the protective cap
2. First rinse the electrode with distilled water, and wipe it with filter paper
3. Turn the meter on by pressing the WON/OFF button
4. Immerse the PH meter electrode in the solution to be tested (can not be over the immersion, ...)
5. Stir gently, then release PH meter instrument, wait around 30 seconds till the reading stabilized
6. After finished, clean the electrode with pure water, and wipe it with filter paper, then turn the meter off by pressing the ON/OFF button
7. Please recap the protective cap after use



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