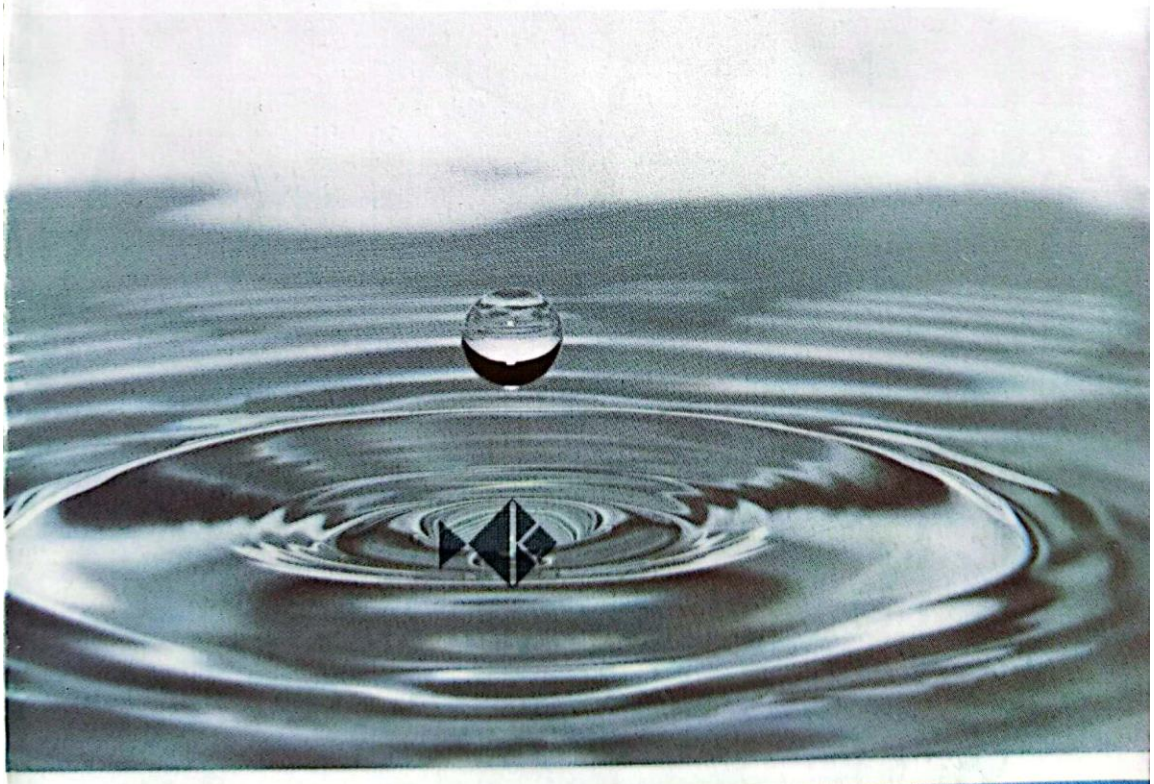
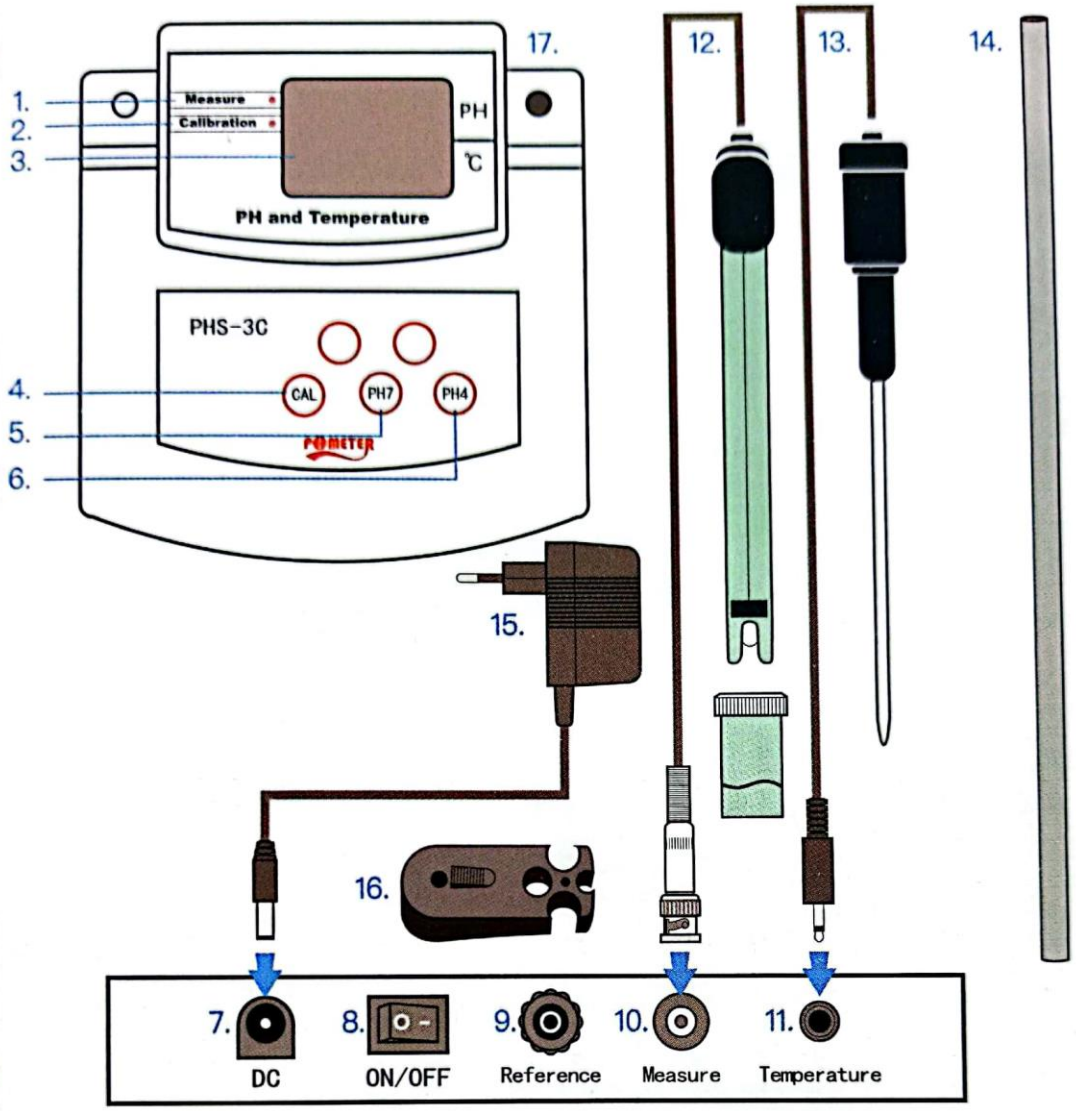
PHS-3C

PHMETER

Dear Customer,

Thank you for choosing our product. This manual will provide you with the necessary information for a correct operation. Please read it carefully before using the meter.





Front Panel Description

1.Measure Indicator
2.CAL Indicator
3.Display
4. CAL knob
5.PH7 calibrate adjustment knob
6.PH4 calibrate adjustment knob

Back Panel Description

7.AC input terminal
8.[ON/OFF] function switch
9.Reference electrode
10.pH electrode input terminal
11.Temp electrode input terminal

12.pH electrode & protective cap of electrode
13.Temp electrode
14.Fixed link
15.Adaptor
16.Electrode holder
17.Mounting hole

• SPECIFICATIONS

Range	pH	0.00～14.00PH
	Temp	0~100℃
Resolution	pH	0.01pH
	Temp	0.1℃
Accuracy	pH	±0.01pH
	Temp	±0.5℃
Display	pH	4-digital LED
	Temp	3-digital LED
Automatic Temperature Compensation		0℃～50℃
Power Supply		In Label
Operating Temperature		0℃～50℃
Calibration		2 points with auto buffer recognition

Warranty

These instruments are warranted from all defects in material and manufacturing for a period of one year from the date of purchase.If during this period, the repair or the replacement of parts is required where the damage is not due to negligence or erroneous operation by user, please return the parts to either dealer or our offices, and the repair will be effected free of charge.

· OPERATION

1. Connecting AC power supply. Turn on the meter by "ON–OFF" switch located back of the instrument.
2. Connect the electrode to the jack back of the instrument.
3. Remove the protective cap of electrode. Put the electrode into the measured solution to be tested.

· PH Calibration

1. Pour a small quantity of pH6.86, pH4.00 and pH9.18 solution into clean beakers.
2. For a particularly accurate calibration, it is advised to use two beakers for each buffer solution; the first is to be used for rinsing the electrode, the second is to be used for the calibration. In this way, the risks of contaminating the buffer solution are reduced to a minimum.
3. Switch on the instrument.
4. Immerse the electrode in a pH6.86 buffer solution, and gently shake it until the reading to stabilize.
5. Press the button "CAL" until the calibration Indicator is light.Then press "PH7" until the display shows "6.86". Rinse the electrode with distilled water.
6. Immerse the electrode in a pH 4.00 buffer solution, and gently shake it until the reading to stabilize.
7. Press the button "CAL" until the calibration Indicator is light.Then press "PH4" until the display shows "4.00". Rinse the electrode with distilled water.
8. Immerse the electrode in a PH9.18 buffer solution. Waiting for the reading to stabilize until the display reading exact 9.18.

9. The calibration of the instrument's pH range is now complete.

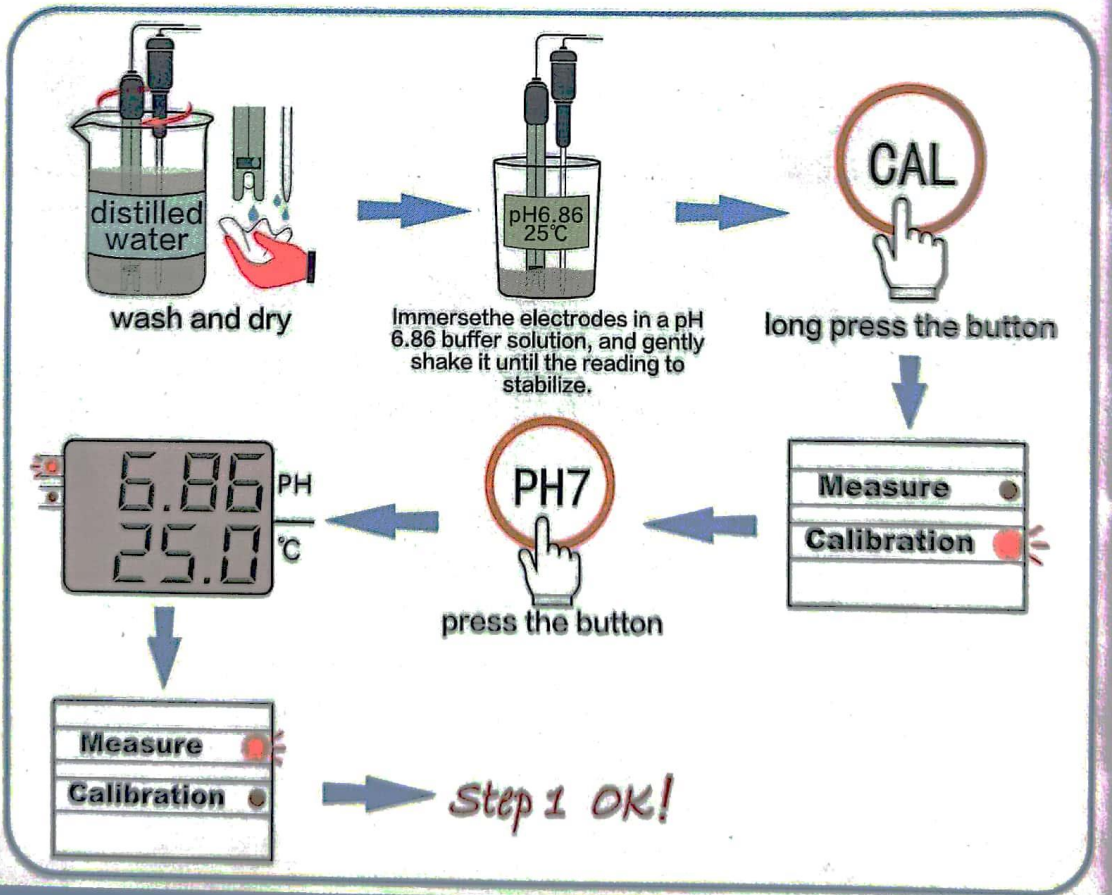
Important:

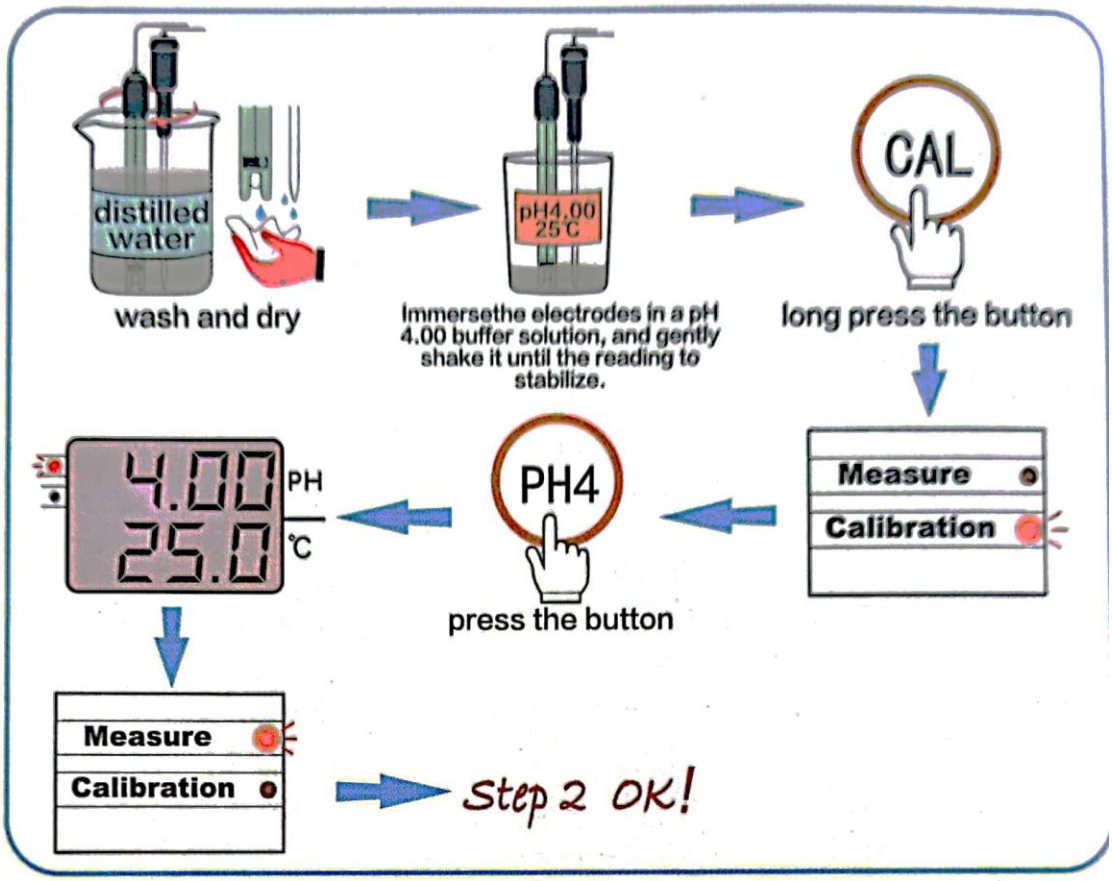
The instrument's pH range must be re-calibrated whenever:

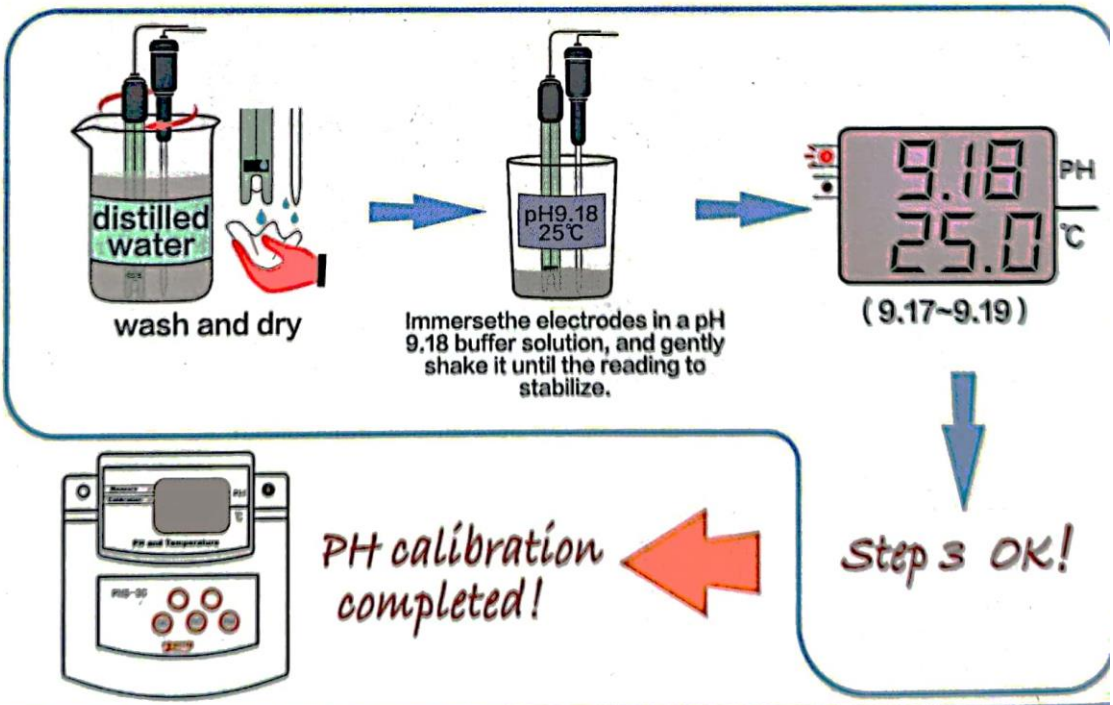
- The electrode has been used(laid) for long time from the last calibration.
- The electrode has been used in particularly taxing conditions.
- The utmost accuracy is required.
- Replace the new electrode.

matters need attention:

- Keep the electrodes clean.
- pH Electrode bulb is very fragile, do not touch.




distilled water
wash and dry
pH4.00 25℃
Immersethe electrodes in a pH 4.00 buffer solution, and gently shake it until the reading to stabilize.
CAL
long press the button
Measure
Calibration
PH4
press the button
4.00 PH
25.0 ℃
Measure
Calibration
Step 2 OK!


distilled water
wash and dry
pH9.18 25℃
Immersethe electrodes in a pH 9.18 buffer solution, and gently shake it until the reading to stabilize.
9.18 PH
25.0 ℃
(9.17~9.19)
Step 3 OK!
PH calibration completed!

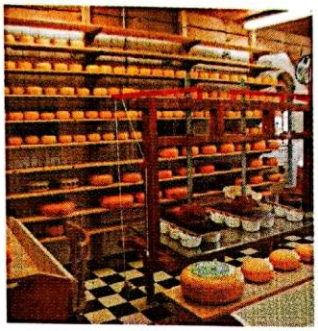
• APPLICATION

leechdom

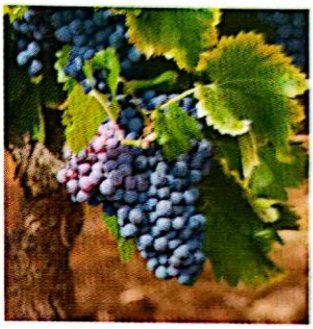
swimming pool

laboratory

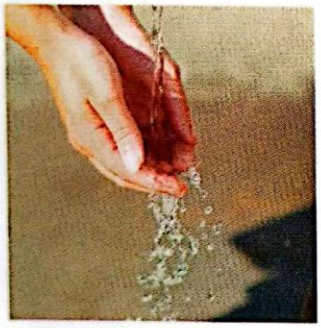
Aquarium



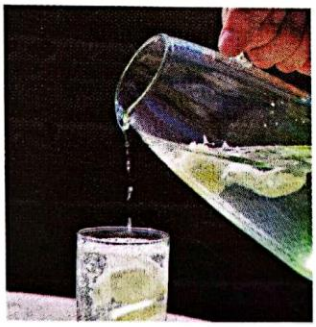
food processing



cultivate



water



drinking water

soil

factory

skin

animal husbandry