

# Environmental Meter

## PCE-PHM 12



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Thank you for purchasing the pH / temperature meter PCE-PHM 12.

This monitor is a member of the line of quality monitors available from ours.

The Continuous Monitor Series feature microprocessor technology, which gives it many reliable, user-friendly features. These monitors were designed for long-term low-maintenance use, just plug in the AC adapter, calibrate and the unit is ready for continuous monitoring.

### ● Specifications

Range	pH	0.00 ~ 14.00 pH
	Temperature	0 ~ 55°C
Resolution	pH	0.01 pH
	Temperature	0.1°C
Accuracy	pH	±0.1 pH
	Temperature	±1°C
Temperature Compensation	0 ~ 50°C	
Power Supply	6V DC (include), with adaptor	
Environment	0 ~ 50°C Humidity: ≤95%	
Dimensions	75mm×55mm×28mm	
Weight	75g	

## ●Operation

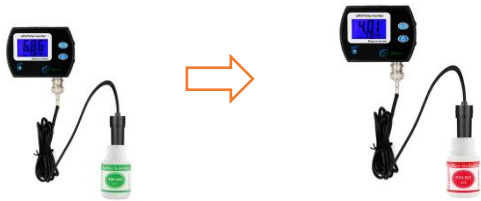
- 1.Remove the protective cap of electrode.
- 2.First rinse the electrode with distilled water, and suck it with filter-paper.
- 3.Turn the meter on by pressing the switch key.
- 4.Immerse the ph meter electrode in the solution to be tested.
- 5.Wait for the reading to stabilize.
- 6.Press the "°C/°F" key, choice the °C/°F for measuring.
- 7.After use, rinse the electrode with water to minimize contamination. Turn the meter off by pressing the switch key. Replace the protective cap after use.

## ●Description



- 1.Liquid Crystal Display
- 2.Power adapter socket
- 3.“pH 7” calibration trimmer
- 4.Temperature electrode
- 5.BNC socket for pH electrode
6. °C/°F button
7. ON/OFF button

## ●PH Calibration



the display value within error range is allowed.



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1. Rinse the ph electrode first with distilled water, and suck it with filter paper (not included).
2. Turn on the meter.
3. Immerse the ph electrode in pH6.86(or pH7.00) buffer solution , gently shake the meter and wait for a stable display.
- 4.Regulate the trimmer with the screwdriver provided until display shows "6.86"("7.00") at buffer solution temperature of 25°C.
5. Rinse the ph electrode with distilled water, and suck it with filter paper (not included)
6. Immerse the pH electrode in pH4.01 or pH9.18(pH10.0) buffer solution, gently shake the electrode and waiting for the reading to stabilize. The showing value and buffer solution's ph value is within error range.
7. The calibration of the instrument's pH range is now complete.

## ●Battery Installation

If the meter cannot be switched on or the display fades, To change batteries. Open up the battery case and replace batteries. Pay attention to the polarity of battery. Or please connect the power adaptor to the power supply outlet.