

PH METER

PCE-PH 15 / 16 / 17 / 18

Specifications

Measure Range: 0.00-14.00PH

Accuracy: 0.1PH(at 20), 0.2PH

Resolution:0.01PH

Operating Temperature: 0 50

Calibration: Manual, at one point through trimmer

Power Supply: 3 1.5V(AG-13 battery)

Dimensions:175mm 51mm 25mm.

Weight: 57g

Operation

- 1.Remove the protective cap.
- 2.First rinse the electrode with distilled water, and suck it with filter-paper.
- 3.Turn the meter on by pressing the ON key.
- 4.Immerse the ph meter electrode in the solution to be tested.
- 5.Stir gently and wait for the reading to stabilize.
- 6.Press the "HOLD" key, the reading is be kept. When repeat measuring, please press the "HOLD" key again, it automatically relieves the hold condition.
- 7.After use, rinse the electrode with water to minimize contamination. Turn the meter off by pressing the OFF key.
- 8.Always replace the protective cap after use.

PH Calibration

- 1.Immerse the electrode in pH 6.86(pH7.00) buffer solution of phosphate, and gently shake it.
- 2.Allow the reading to stabilize and with a small screwdriver turn the calibration trimmer until the display shows "6.86"("7.00"). Rinse the electrode with distilled water, and suck it with filter-paper.
- 3.Immerse the electrode in pH4.01 or pH9.18(pH10.0) the buffer solution of borax.
- 4.After about one minute, until the display shows "4.01"or "9.18"("10.0").

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.

Battery Install

If the meter can not be switched on or the display fades, To change batteries, takes down the meter back battery case and replaces batteries. Pay attention to the polarity of battery.

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.