

High Accuracy Pen Type pH Meter

MODEL MW-102

Specifications

Range: 0.00~14.00PH

Resolution: 0.01PH

Accuracy: ± 0.1 PH

Automatic Temperature Compensation: 0°C~50°C

Battery: 4×1.5V(AG-13)

Operating Temperature: 0°C~50°C

Dimensions: 170 mm×36 mm×23mm

Weight: 105g

Operation

1. Connecting the PH electrode into the PH meter.
2. Remove the protective cap of electrode.
3. First rinse the electrode with distilled water, and suck it with filter paper.
4. Turn on pH by "ON-OFF" switch located on the top of battery case.
5. Immerse the pH meter electrode in solution up to the immersion level.
Under no circumstances immerse above display level.
6. Stir gently and wait for the reading to stabilize.
7. After use, Switch off it, Use the distilled water clean the electrode and replace the protective cap.

PH Calibration

1. Connecting the PH electrode into the PH meter.
2. Immerse the electrode in pH 6.86 (under the temperature of 25°C) standard buffer solution of phosphate, and gently shake the electrode.
3. Regulate the trimmer with a screwdriver (which is blue in the battery case.) until the buffer solution value corresponding to the measurement temperature is obtained.
4. Immerse the electrode in pH 4.01 or pH 9.18 the standard buffer solution of borax.

5. After about one minute, until the buffer solution value corresponding to the measurement temperature is obtained.

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 display of meter fades, to replace all the batteries. Pull out the battery case and replace the batteries. Pay attention to the polarity of battery.