

SPECIFICATONS

1. Range: pH 0.00-14.00, Temperature 0°C-50°C (32°F-122°F)
2. Resolution: pH 0.01PH, Temperature 0.1°C (0.2°F)
3. Accuracy: $\pm 0.03\text{pH}$, Temperature $\pm 0.5^\circ\text{C}(\pm 1^\circ\text{F})$
4. Battery: 4×1.5V (AG-13)
5. Temperature Compensation: 0°C~50°C
6. Operating Temperature: 0°C~50°C
7. Calibration Methods: Two point automatic calibration(The head of instrument's electrode is changeable)
8. Automatic Shutdown: While the instrument is turned on, it will shut down automatically in 4 minutes.
9. Waterproof Grade: IP65
10. Dimensions: 188mm×35mm×35mm
11. Weight: 80g

OPERATION

1. Remove the protective cap
2. Clean the electrode with distilled water, and dry up the water attached to the electrode with filter paper;
3. Press the "POWER" button to switch on the meter;
4. Insert the instrument into the test solution, with the measuring electrode immersed in;
5. Stir gently until the numeral is stable, then read the display. The value displayed in the lower part is the temperature of the solution, touch "TEMP/CAL" button to switch between Celsius and Fahrenheit. Long press "TEMP/CAL" for 5 seconds to calibrate the instrument. Clean the electrode after using, then turn off the switch, and put on the protective case.

PH CALIBRATION

1. Pour suitable amount of standard buffer solution pH6.86, pH4.00 and pH9.18 (at 25°C) separately into different clean beakers;
2. For accurate calibration, fill 1 buffer solution into 2 beakers. One is used for cleaning the electrode, and the other one is used for calibration. By doing so, the pollution level can be reduced to the least.
3. Press "POWER" button to turn on the power.
4. Dip the meter into standard buffer solution pH6.86, then stir gently until the value is stable, and long press the "TEMP/CAL" button for about 5 seconds to enter the automatic correction mode (the meter can automatically identify standard buffer solution of pH4.00 and pH6.86). While displayed value becomes same as the standard buffer solution at that temperature, the calibration is finished.
5. Clean the electrode. Dip the meter into standard buffer solution pH4.00, and while the display value is stable, long press the "TEMP/CAL" button for 5 seconds to enter automatic calibration mode. When display value becomes same as the standard buffer solution at that temperature, the calibration is finished.
6. Cleaning the electrode. Dip the electrode into the standard buffer solution of pH9.18 and gently stir until the display value is stable. If the error of display value is in the allowable range, then calibration is finished. If not, repeat 4, 5.

water quality meter

NOTICE water quality meter

The instrument's pH range must be recalibrated 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 screen darkens or gets fuzzy, or the error is large, Batteries should be replaced. Just pull out the battery case and replace it. Pay attention to the directions.

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.

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