

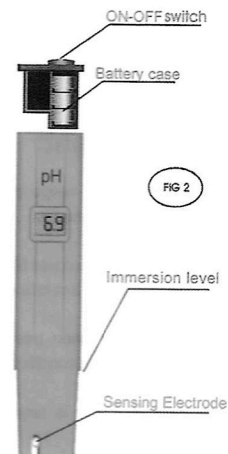
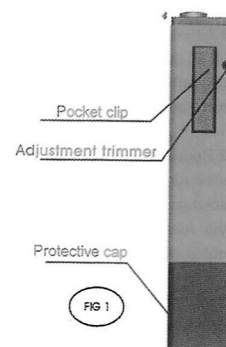
Specifications

- Range: 0.0-14.0pH
- Resolution: 0.1pH
- Accuracy: $\pm 0.1\text{pH}$ (at $20^{\circ}\text{C}/68^{\circ}\text{F}$)
- Typical EMC DEV: $\pm 0.2\text{pH}$
- Batteries: $3 \times 1.5\text{V}$ (AG-13 Button Battery)
- Life: approx. 700 hours of use
- Environment: $0^{\circ}\text{C} \sim 50^{\circ}\text{C}$ ($32^{\circ}\text{F} \sim 122^{\circ}\text{F}$)
- Relative Humidity: $< 95\%$
- Dimensions: 150mm x 29mm x 20mm
- Trimming: by potentiometer
- Weight: 51g



Operation

- Remove the protective cap (figure 1)
- First rinse the electrode with distilled water, and suck it with filter-paper.
- Turn on pH by "ON-OFF" switch located on the top of battery case (figure 2).
- Immerse the pH meter electrode in the solution to be tested.
- Stir gently and wait for the reading to stabilize.
- After use, Switch off pH, Use the distilled water clean the electrode and replace the protective cap.



pH Calibration

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

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.

