

## Instruction for digital handheld pH meter



### Technical Specifications:

Waterproof handheld digital pH meter for measuring of pH value in different fluids.

- Automatic temperature compensation (0-50°C)
- Accuracy +/- 0,01
- Power Supply: 4x1,5V (AG-13 Button Battery)
- Calibration: 1 point through calibration screw.
- Dimensions: 188 x 35 x 35 mm
- Weight: 98g

## Operating Instructions

- 1) Remove the protective cap
- 2) First rinse the electrode with distilled water and rinse it with a soft piece of filter paper/cotton flannel.
- 3) Turn on the pH meter by pressing the "ON" button.
- 4) Immerse the pH meter electrode into the solution you wish to measure.
- 5) Stir gently and wait for the value to stabilize.
- 6) Once stabilized press the "HOLD" button, and the value will be kept. If you press the "HOLD" button again, the hold condition will be released.
- 7) After use, rinse the electrode with water and press the "OFF" key
- 8) Replace the protective cap after use

## pH Calibration

Immerse the electrode in pH 7.00 standard buffer and gently shake it. Once the value stabilizes turn the calibration screw (beside the battery) until the value matches the buffer (pH 7.00).

To obtain the best calibration immerse the pH meter into another buffer (either low or high, depending on you need for measuring).

After calibration, rinse the electrode with water. pH meter must be recalibrated whenever an electrode has been replaced, when not used for long or when extreme accuracy is needed.

NOTE The electrode is very sensitive and should not be dropped or get in contact with hard materials. Always rinse the electrode with water after use (we recommend distilled water)

## Electrode Replacement

- 1) Remove the protective cap
- 2) Unscrew the plastic ring on the top of the electrode.
- 3) Pull out the electrode and replace it with a new one. Make sure the gaskets are in place before screwing the ring back on.