User's Manual - Etekcity® [pH Meter](#)

Operating instructions
1. Remove the protective cap covering the electrode.
2. Rinse the electrode with distilled water. Gently dry with a paper towel.
3. Turn on the pH meter by using the ON/OFF switch on the top of the unit.
4. Immerse the electrode in the solution to be tested.
5. Stir gently and wait until the pH reading stabilizes.
6. After use, turn off the pH meter, rinse the electrode with distilled water and replace the protective cap.

Calibration instructions (using pH 6.86 and 4.0 solution buffers – not included)
1. Remove the protective cap covering the electrode.
2. Rinse the electrode with distilled water. Gently dry with a paper towel.
3. Combine a packet of "mixed phosphate" (pH 6.86) powder with 250mL (approx. 8 fl oz) of room-temperature (25°C/77°F) distilled water.
4. Immerse the electrode in the mixed phosphate solution and stir gently for one minute.
5. Use the included screwdriver to adjust the trimmer on the back of the pH meter so that the meter reads 6.8.
6. Rinse the electrode with distilled water. Gently dry with a paper towel.
7. Combine a packet of "potassium hydrogen phthalate" (pH 4.00) powder with 250mL (approx. 8 fl oz) of room-temperature (25°C/77°F) distilled water.
8. Immerse the electrode in the potassium hydrogen phthalate solution and stir gently for one minute.
9. Use the included screwdriver to adjust the trimmer on the back of the pH meter so that the meter reads 4.0.
10. The pH meter is now calibrated. Rinse with distilled water before use.

Note: You can also use other buffer solutions to calibrate the pH meter.

Notes
- You should recalibrate the pH meter when it has not been used recently, has been used heavily, or when utmost accuracy is required.
- If the readout display of the meter fades, replace the batteries, paying attention to the polarity of the batteries. Dispose of the old batteries properly.

Specifications
- Measurement range: pH 0.0-14.0
- Resolution: 0.1
- Accuracy: 0.1 (after calibration, at 20°C/68°F)
- Batteries: 3x 1.5V LR44 button cell (AG13)
- Dimensions: 150 x 29 x 20mm
- Adjustment: trimmer potentiometer