2. Rinse the electrode with clean water and wipe it dry. Dip the electrode into the buffer solution pH 4. Stir gently and wait until the display stabilized. Adjust the reading to 4.0(6011 only) or 4.00(6011A only) at 25 °C by turning the trimmer(Span) located at left side of battery compartment with a screwdriver.
3. Calibration is ending after step 1 and 2.

< ORP >

1. Calibration is not necessary for ORP. But it could be tested with a specific ORP solution to check electrode is good or bad.

Measurement

1. After calibration, rinse the electrode with clean water and wipe it dry. Dip the electrode into sample solution to be measured. Stir gently and wait until a stable reading can be obtained.
2. After measurement, rinse the electrode with clean water, and replace the soaking bottle and protective cap. The soaking bottle should be always kept wet by adding soaking solution.

Note

1. When doing a 2 point calibration, calibrate with buffer pH 7 first, then follow with pH 4 or pH 10. (6011 and 6011A only)
2. It is no need to calibrate before each usage. But it should be performed every two weeks or after 10 times of usage. (6011 and 6011A only)
3. Change a new battery when the display fades or flashes.

Maintenance:

Battery replacement

1. Loosen the battery compartment counterclockwise.
2. Replace the fresh Lithium battery CR2032, and note polarity.
3. Replace the battery compartment cap tightly

Electrode replacement

1. Unscrew the electrode collar clockwise, and remove it completely.
2. Pull the electrode module out from the tester.
3. Plug an new electrode module into the tester socket carefully.
4. Replace and tighten the electrode collar to make a good seal.

Applications:

Agriculture • Anti-freeze recycling • Aquarium • Boiler • Chemical industry • Cooling tower • Drinking water • Fish farming • Food industry • Garden husbandry • Hydroponic • Laboratory usage • Plating industry • Swimming pool & Spa • Water treatment

User's Guide

Waterproof Tester

6011 pH
6011A pH w/ATC
6041 ORP

CE

Introduction:

Thank you for selection waterproof pH or ORP tester. It is possible to measure a wide range of pH or ORP with a replaceable electrode. We recommend that you read and follow the manual carefully.

Features:

- Fast response, reliable and accurate measurements.
- Large LCD display 21 x 18 mm for reading convenient.
- Impact resistant ABS case by waterproof designed IP 57 rated.
- 1 or 2 points manual calibration via screw trim pot. (6011 and 6011A only)
- Automatic temperature compensation(ATC), Resolution 0.01 pH. (6011A only)
- The electrode module are changeable for replacement by user.

Specifications:

Model	6011	6011A	6041
	pH	pH	ORP
Range	0 ~ 14.0 pH	0 ~ 14.00 pH	±1999 mV
Accuracy	± 0.1 + 1 digit	± 0.01 + 1 digit	± 2% FS
Resolution	0.1pH	0.01pH	1mV
ATC	No	Yes	N/A
Power	3V x 2 Lithium battery CR2032		
Dimensions	Meter: 33.5 x 170 mm		
Weight	Meter: 85 g (w/battery)		

Device Description:

Operating procedure:

Accessories

Upon receiving the shipment, inspect the container and equipment for any signs of damage. Remove the packing list and verify that you have received all equipments:

Meter, Buffer pH 4 & 7(6011 and 6011A only), Soaking solution, Battery(has been installed), Instruction manual, Gift box.

Preparation

1. Remove the protection cap and unscrew soaking bottle from meter to rinse the electrode with clean water and wipe it dry. Don't leak soaking solution from bottle, and replace bottle when end of usage.
2. Open battery compartment to take out the screwdriver. (6011 and 6011A only)
3. Press ⏻ button to turn the meter power on.

Calibration

< pH >

1. Dip the electrode into the buffer solution pH 7. Stir gently and wait until the display stabilized. Adjust the reading to 7.0 (6011 only) or 7.00(6011A only) at 25 ℃ by turning the trimmer (ZERO) located at right side of battery compartment with a screwdriver.