Calibration Certificate

This certificate guarantees that the product has been inspected and tested in accordance with the published specifications.

The instrument has been calibrated by using equipment which already calibrated to standards traceable to international standards.

Model: ☐ FT6011 ☐ FT6012

Serial No.: _____

Date: _____

WATER-I.D. GmbH
POOL-I.D. PRIMELAB EASYDIP
Daimlerstrasse 20
D-76344 Eggenstein-Leopoldshafen/Germany
+49 (0) 721 - 78 20 29 - 0
+49 (0) 721 - 78 20 29 - 11
www.water-id.com • info@water-id.com

WATER-I.D.
WATER TESTING EQUIPMENT

User's Guide

pH
Waterproof Tester
Model: 6011 / 6012

Content

Notes

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

Introduction:

Thank you for selection waterproof pH tester. It is possible to measure a wide range of pH. 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.
- ※ 2 points manual calibration via screw trim pot.
- ※ Automatic temperature compensation (ATC).
- ※ The electrode module can be easily changed by users.
- ※ The meter turns off automatically after 5 minutes.

Specifications:

	6011	6012
Model	pH	pH
Range	0 - 14 pH	0.00 - 14.00 pH
Accuracy	± 0.1 pH	± 0.01 pH
Resolution	0.1 pH	0.01 pH
ATC	No	Yes
Power	3V x 2 Lithium battery CR2023	
Dimensions	Meter : 33.5 x 170	
Weight	Meter: 85 g (with battery)	

Maintenance:

Battery replacement

1. When the battery power is low, the meter will turn off automatically in 3 seconds after being turned on.
2. Loosen the battery compartment counterclockwise.
3. Replace the fresh Lithium battery CR2032, and note polarity.
4. 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.

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 points calibration, calibrate with buffer pH 7 first, then follow with pH 4.
2. It is not necessary to calibrate before each usage. However it should be performed every two weeks or after 10 times of usage.
3. Change a new battery when the display fades or flashes.

Device Description:

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 & 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 cap to take out the screwdriver.
3. Press POWER button to turn the meter 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 (6012 only) at 25 ℃ by turning the trimmer (ZERO) located at right side of battery compartment with a screwdriver.
2. Rinse the electrode with clean water and wipe it dry. Dip the electrode into the buffer solution pH4.Stir gently and wait until the display stabilized. Adjust the reading to 4.0 (6011 only) or 4.00 (6012 only) at 25 ℃ by turning the trimmer (Span) located at left side of battery compartment with a screwdriver.