پتروفرهان گسترجنوب

User's Guide

Waterproof Tester
6022 Conductivity
6032 TDS

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Introduction:

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

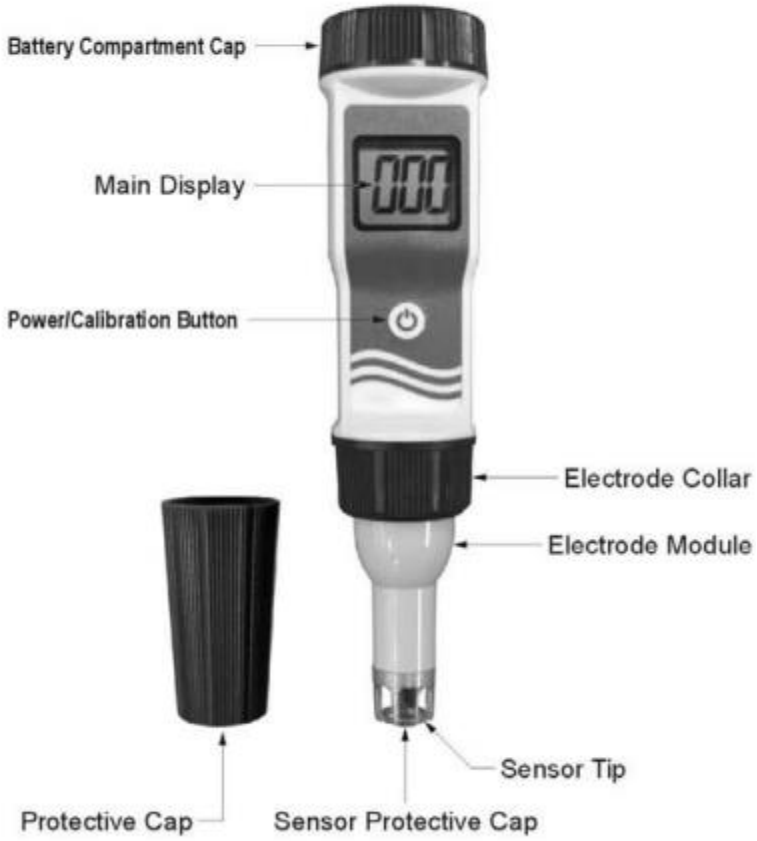
Features:

※ 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 point manual calibration via screw trim pot.
※ The electrode module are changeable for replacement by user.

Specifications:

Model	6022	6032
	Conductivity	TDS
Range	0~1999 μS/cm	0~1999 ppm
Accuracy	± 1% FS	± 1% FS
Resolution	1 μS/cm	1 ppm
ATC	Yes	Yes
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, Standard solution 1413 μS/cm(6022) or 940 ppm(6032), Battery(has been installed), Instruction manual, Gift box.

Preparation

1. Remove the protection cap from meter to rinse the electrode with clean water and wipe it dry.
2. Open battery compartment to take out the screwdriver.
3. Press ⏻ button to turn the meter power on.

Calibration

< Conductivity > 6022

1. Dip the electrode into the standard solution. Stir gently and wait until the display stabilized. Adjust the reading to 1413 at 25 °C by turning the trimmer(Span) located at left side of battery compartment with a screwdriver.
2. Calibration is ending after step 1.

< TDS > 6032

1. Dip the electrode into the standard solution. Stir gently and wait until the display stabilized. Adjust the reading to 940 at 25 °C by turning the trimmer(Span) located at left side of battery compartment with a screwdriver.
2. Calibration is ending after step 1.

Measurement

< Conductivity > 6022

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 protective cap.

< TDS > 6032

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 protective cap.

Note

1. It is no need to calibrate before each usage. But it should be performed every two weeks or after 10 times of usage.
2. Don't touch or wipe the surface of inner black sensor of conductivity cell.
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

Calibration Certificate

This certificate guarantee 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:

Serial no.: _____

Date _____