

正面

15X11

反面

Max Electronics

Scionix

USER'S GUIDE

This product is a marine electronic hydrometer. In liquid other than seawater, the specific gravity value may differ from actual.

Electronic digital hydrometer

High resolution, Precise measurement, Big LCD display, with illumination, Sound alert low battery and measurement start/end

Introduction

Contents: Power button, LED window, Battery cover, Measurement Probe, Spoon

Specification

Measuring theory Electronically conductivity measurement

Measurement range Temperature: 0°C~99°C
Salinity: 0 ~ 50PPT / 0 ~ 60PSU
specific gravity: 1.000 ~ 1.043

Resolution and tolerance Temperature: 0.1°C(±0.5)
Salinity: 0.1ppt(±2ppt) / 0.1PSU (±2PSU)
specific gravity: 0.001(±0.002)

Measure environment 0°C~50°C

Power saving Auto power off after 60sec

Temperature compensation A.T.C

Display unit LCD with illumination

Other functions Value is fixed after measurement automatically
1 melody beep when measurement start,
1 melody beep when measurement finish
illumination:auto on during 5 seconds after measurement

Battery replacement function Flash [LOW] icon

Power supply 1.5V*2EA (AAA battery)

waterproof life water resistance

How to use

Measuring method

- Press power button ([RDY]) flash
- Put into testing liquid ([MEAS]) icon flash and start measurement with beep
- Measured value is displayed fixed with illumination and 1 melody beep when measurement is finished.
- Press power key to display other value salinity(PPT), PSU, temperature(°C)
- Recommended to use after cleaning probe to get more precise value even measurement is possible without cleaning probe. Measurement should be started when [RDY] icon is flashed
- After measurement, please keep clean using neutral cleanser or soft cloth and dry the probe when storage

测试方法

Precaution of measurement

- Keep the probe away from bottom and side more than 2 cm, recommended put in half of probe. (do not touch the residue in liquid)
- Keep away from fish or liquid residue

Calibration

Calibration need to be carefully done because it affects measurement accuracy decisively. It is recommended only when the measured salinity is out of 30 ± 2PPT. Recommend to use new standard 30 PPT salinity liquid because it can be polluted because of long term storage or evaporation.

- Press power button during 5 seconds in power off state
- "-C-S" is displayed on LCD, then put the probe into standard 30 PPT salinity liquid
- When calibration is done successfully, "30" will be displayed on LCD. Then press button again and keep power off

Replacement of battery

◆ Replacement time: [LOW] icon flash

- Measurement may cause error when battery power is not enough
- Please re-insert when product is not working properly after new battery replacement
- New battery may be discharged in long circulation period, in this case, please replace new one

◆ Replacement method:

- Turn the battery cover counterclockwise direction to "open" location and take out the battery
- Put 2 AAA battery into with "+" pole direction outward
- Turn the battery cover clockwise direction to "close" location
- Remark: to prevent damage, pay attention to "+" "-" pole of battery

Close Open Battery direction

Guarantee of quality

Product warranty

Product: **Scionix**
Model name: SG-1000
Shelf life: 1 year from the date of purchase
developer: Max Electronics
manufacturer: Shenzhen Qixiangshun Technology Co., Ltd
Purchasing date:
Place of sale:
Buyer:

A/S

A/S is available when the product warranty is filled

◆ Guarantee

Within 1 year after purchasing. Effective in case of product itself lead to abnormal failure