Digital Hydrometer

- High Precision
- Bright Backlit Display
- Large Digital Screen Display
- Low Battery Sound Alert
Product Specifications

**Measurement probe**

**Power Key**

**LCD window**

**battery cover**

**Testing method**

Electrical conductivity methods

### Specifications

<table>
<thead>
<tr>
<th></th>
<th>S.G</th>
<th>PPT</th>
<th>Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Range</td>
<td>1.000-1.041</td>
<td>0-50</td>
<td>1-40°C</td>
</tr>
<tr>
<td>Resolution</td>
<td>0.001</td>
<td>1</td>
<td>±1</td>
</tr>
<tr>
<td>Accuracy</td>
<td>±0.001</td>
<td>±2</td>
<td>±1</td>
</tr>
</tbody>
</table>

**Testing condition** 1°C ~ 50°C

**Saving function**  Power off after 60 seconds

**Temperature compensation** A.T.C

**Display area** LCD(with backlight)

**Low battery reminder** icon flash

**Power supply** 1.5V x 2EA(AAA type battery)

**Waterproof**  Life waterproof

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Clean the probe ready for its next usage. Place the probe in natural water and wait till the icon appears on the display.

Press power key to start the device (icon will be flash).

Place gravimeter measurement probe tip (as shown) in testing water (icon will flash and the test begins).

The buzzer will sound and the backlight will illuminate to display the result.

Press the power key to display the SG value (unit: PPT). Press key to display temperature value (unit: °C), press key more to power off.

Clean the probe ready for its next usage. Place the probe in natural water and wait till the icon appears on the display.

Use fresh water to clean the probe and use soft cloth to dry. Keep dry when stored.
Measurement Precautions

Keep the measurement sensor probe away from the bottom and the sides of the testing cup. Allow 1-2cm clearance around the probe.

Do not touch any residue in the liquid.

When there is not enough liquid, lean the cup.

Do not touch the probe to the testing cup.

◆ Please note

The metal part of the testing measurement probe must be completely in the test liquid. You should always check the accuracy of your meter against reference solution to verify its accuracy.
Storage Precautions

Do not use or store near heaters
Only use recommend battery listed under specifications.Replace both batter at same time
In order to prevent product failure ,do not dismantle the product
If the gravimeter is dropped or impact.there will be errors in testing
Scratches or deformation of the probe can lead to greater errors in testing
After usage,Clean test probe with water and soft cloth
When storing for a long time,Please remove the battery

Battery Replacement

◆ replacement time:

Although the Gravimeter had power there is no longer enough current to conduct a test accurately
The icon can also flash when the new battery does not work after insertion and need to be re-insertion
the new battery may also lead to natural discharge due to long circulation time, when icon flash,replace the new battery at this time.

◆ replacement method

Turn the batter cover counter clock wise to “OPEN” and remove the batteries
Put in to 2 x AAA battery with the “+” direction facing outward
Refer to the figure below and turn the battery cover clockwise to “close”
To prevent damage to the gravimeter pay attention “+” “-” pole of battery