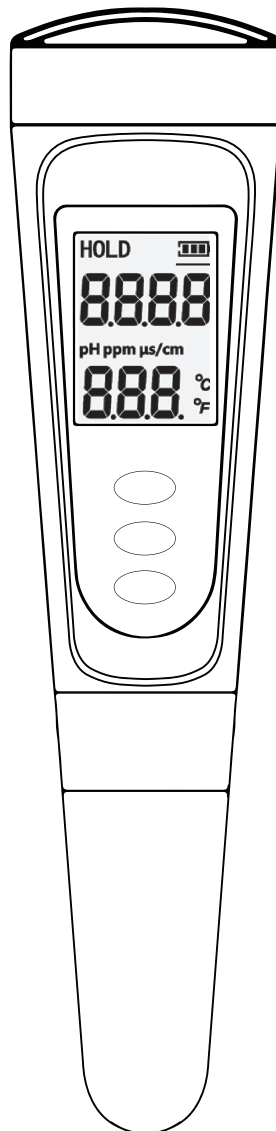


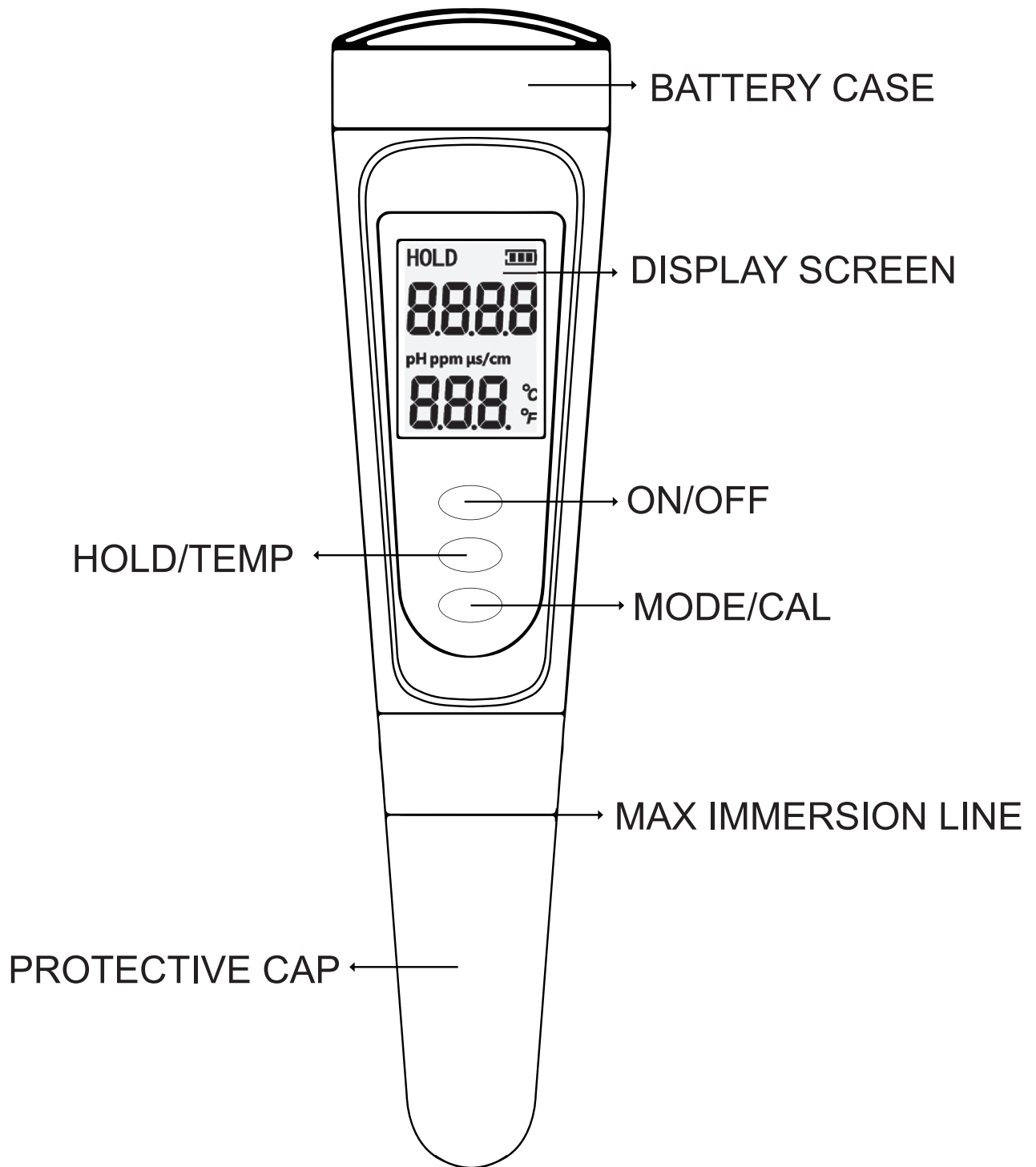


HG239 USER MANUAL

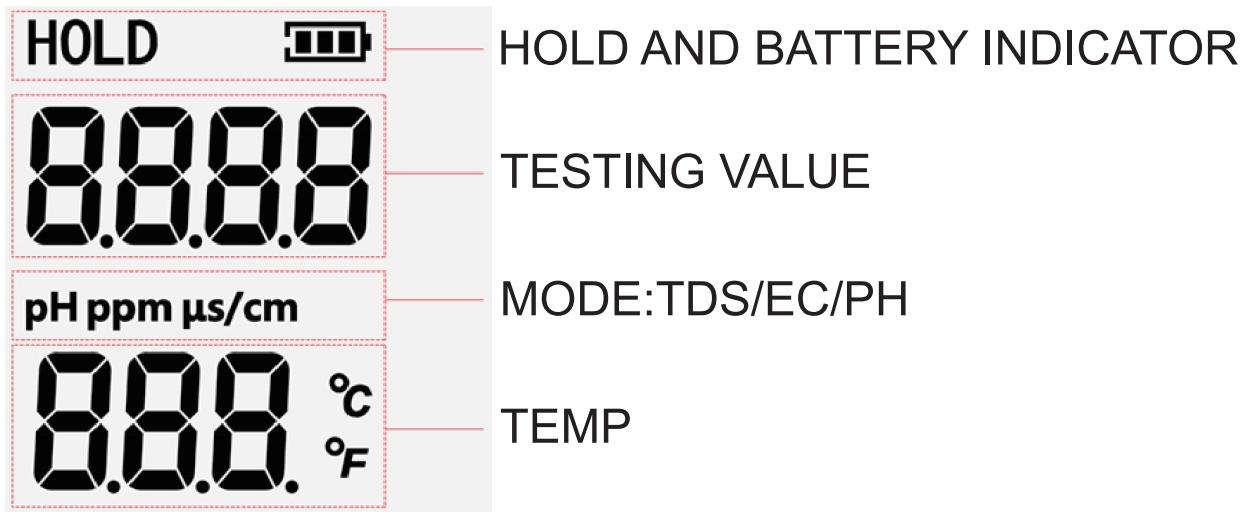
hygger TDS/EC/PH/SALT/TEMP WATER
QUALITY METER

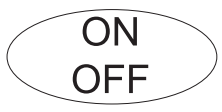




PRODUCT DIAGRAM



1. SCREEN DISPLAY



-  POWER BUTTON
-  HOLD BUTTON AND TEMPERATURE SHIFT BUTTON
-  CALIBRATION BUTTON AND MODE SHIFT BUTTON

2. USING STEPS

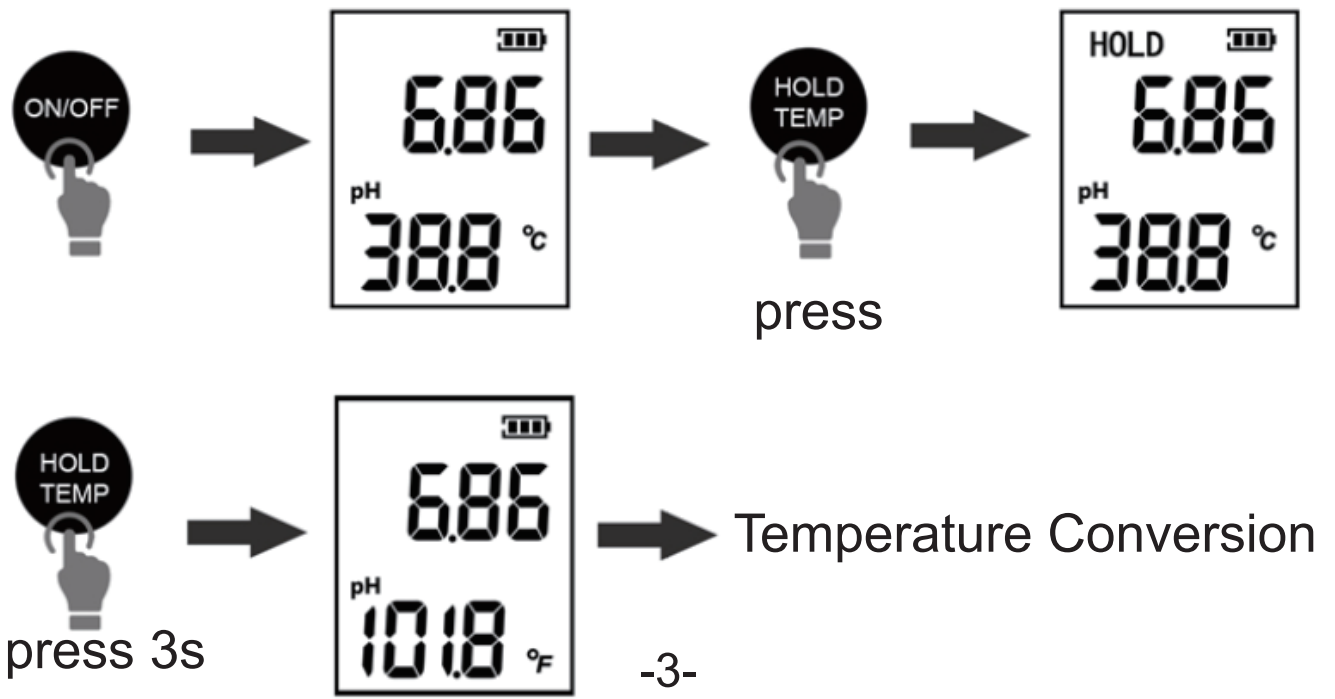
1. Remove the protective cap.
2. Turn the meter on by pressing the "ON/OFF" button.
3. Immerse the meter electrode in the test solution (immersion depth can not be over the immersion line).
4. Stir gently and wait until the reading stabilized.
5. If you need test temp, please long press "HOLD/TEMP" button to get temp reading.
6. After finished, clean the electrode with distilled water, turn the meter off by pressing the "ON/OFF" button.
7. Replace the protective cap after use.

3. SPECIFICATIONS

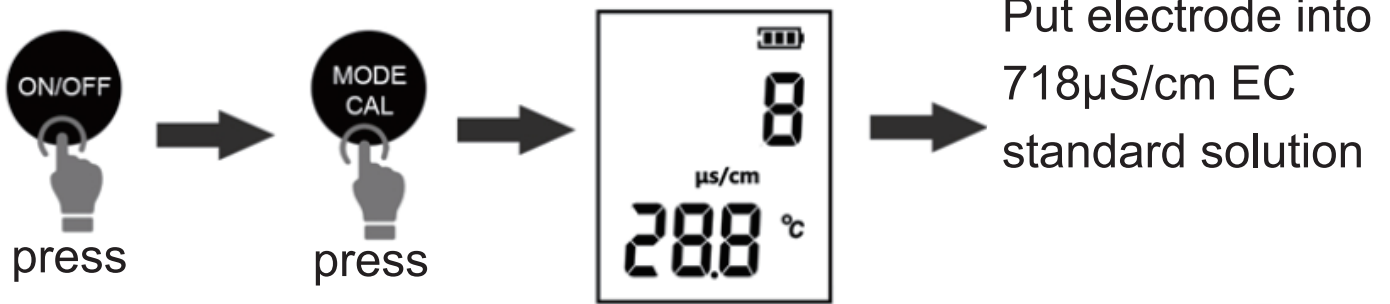
Parameters	hygger WATER QUALITY METER
TDS	Range:0-9999ppm Resolution:1ppm Accuracy:±2%
EC	Range:0-9999 μS/cm Resolution:1μS/cm Accuracy:±2%
PH	Range:0-14.00pH Resolution:0.01pH Accuracy:±0.05pH
SALT	Range:0-9999pm
Temp range	0.1-60°C/32.1-140°F
ATC	0.1-60°C/32.1-140°F
Battery 4*1.5V(LR44)	√
Weight	95±8g
Dimension	183.5*40*20mm

4. OPERATION

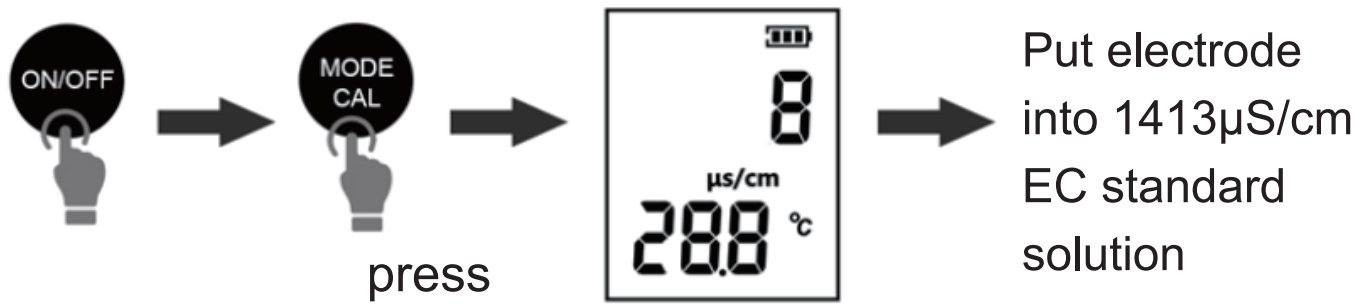
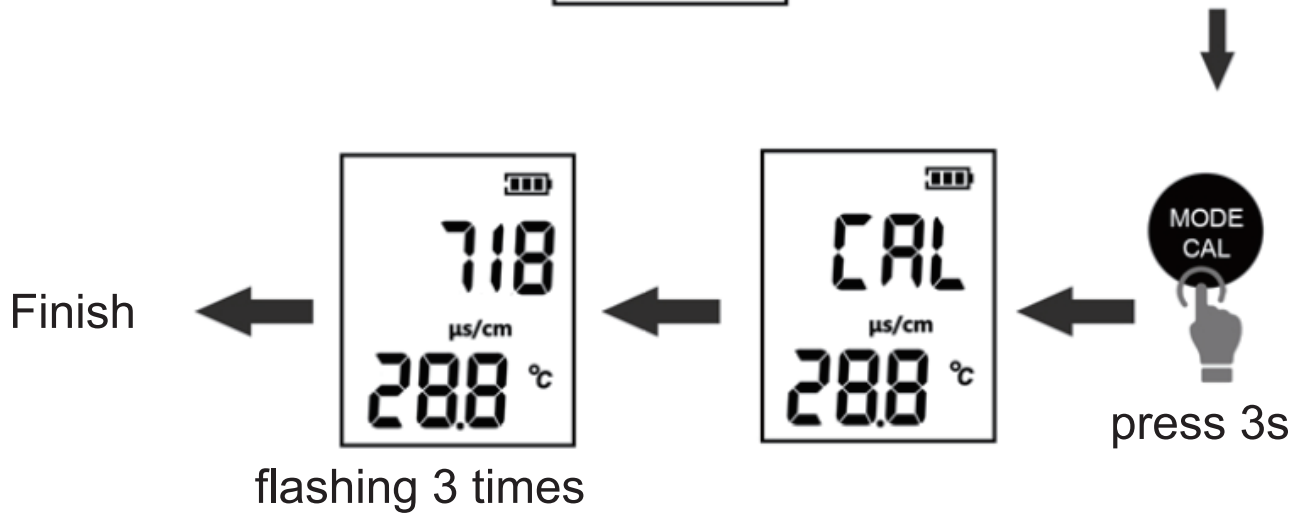
HOLD/TEMP.SHIFT



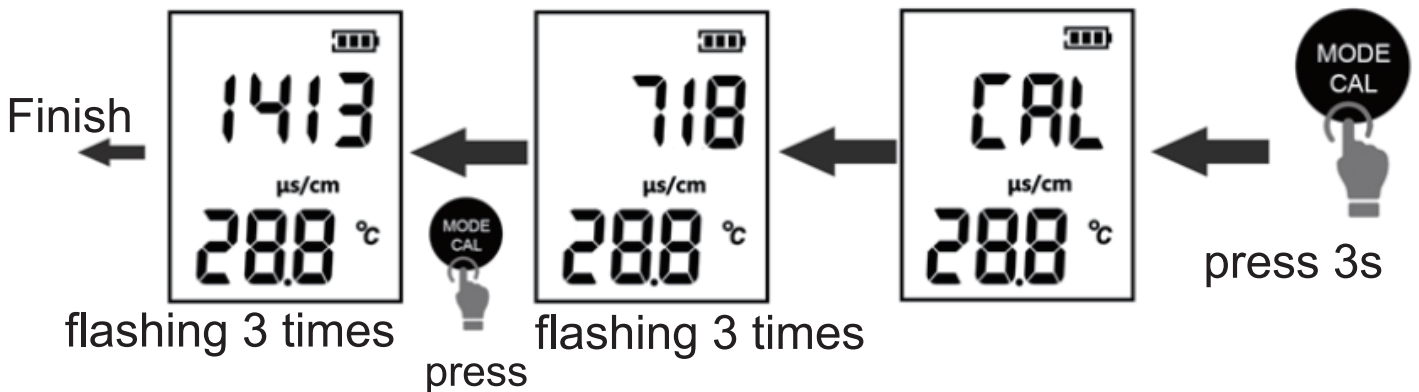
5. TDS/EC CALIBRATION



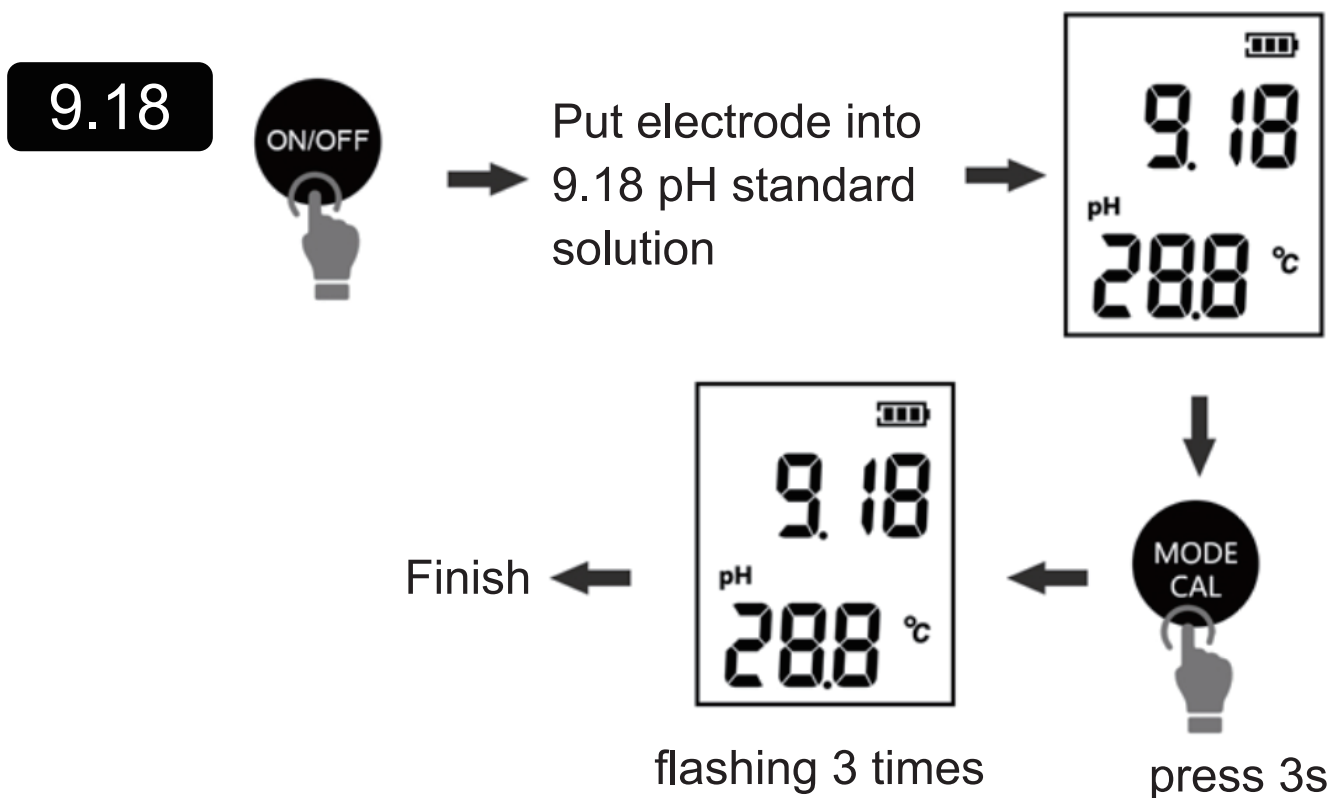
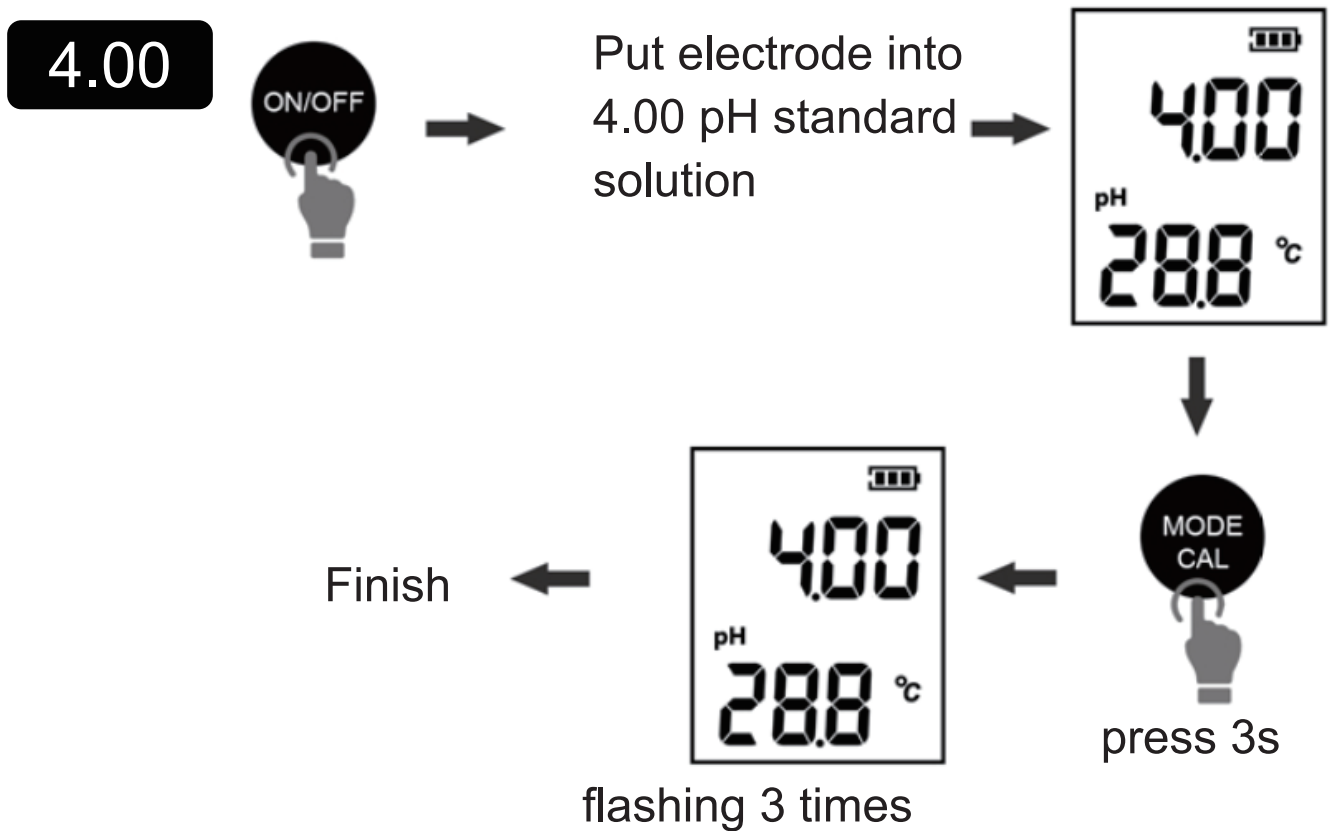
Put electrode into 718μS/cm EC standard solution



Put electrode into 1413μS/cm EC standard solution



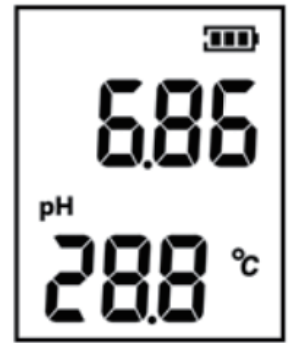
6. PH CALIBRATION



6.86



Put electrode into 6.86 pH standard solution



Finish



flashing 3 times



press 3s

Preparation method of pH standard solution:

Take one package of pH standard powder (pH 4.00/ 9.18/6.86) and completely dissolve it in 250mL of pure water.

7. CHARGING METHOD



Low battery indicator flashing



open



charging with type-c interface



Finish

screw the bolts



charging complete

Recommended value: 5V/1A

When the display value is fuzzy or unshown, the battery should be charge it in time.

8. PACKING LIST

- 1.TDS/EC/PH/SALT/TEMP hygger WATER QUALITY METER
- 2.PH buffer powders
- 3.Instructions in five languages

9. ATTENTION

Before use, the probe should be soaked in water for two minutes, activate the probe before use or calibration.

1.Recalibration is required in the following conditions:

- (1)When used again after a long period of non-use.
- (2)When the frequency of use is extremely high.
- (3)After long-pressing the "CAL" button, the electrode is exposed to the air for a long time.

2.If you calibrated the meter in the air or in wrong calibration solution, there will flash"ERR"on the screen.

3.When the meter is turned on, and the electrode is exposed to the air, the value fluctuates, which is a normal phenomenon.

4.The product has a modular design, if the probe is damaged, you can buy the probe for replacement.

5.Please recalibrate the device after replacing the probe.

6.Always replace the protective cap after using the digital meter to keep the electrode from drying out due to prolonged exposure to air, which leads to slow or unstable readings.

7.If the electrode is dry, moisten it in distilled water for a few hours.

8.When data is abnormal, please HOLD down both the HOLD and MODE buttons for 3 seconds to reset.

11.CONTACT INFORMATION

E-mail: service@hygger-online.com

Website: www.hygger-online.com