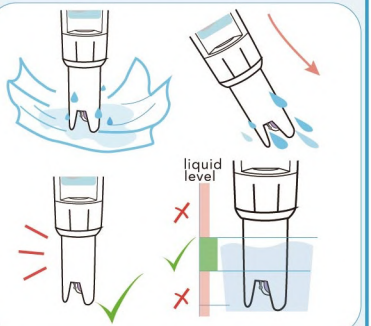


· SPECIFICATIONS

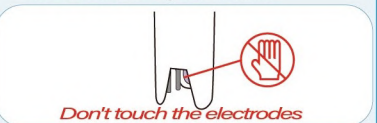
	pH	0.00~14.00PH
	EC	0~19990 μ S/cm
Range	Temp	0~50°C (32~122°F)
	pH	0.01pH
Resolution	EC	10 μ S/cm
	Temp	0.1°C
	pH	±0.1 pH
Accuracy	EC	±2%F.S
	Temp	±1°C
Automatic Temperature Compensation		0°C~50°C
Battery Type		4x1.5V(AG13)
Operating Temperature		0°C~50°C
Dimensions		188mmx35mmx35mm
Weight		98g

· OPERATION

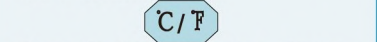
1. Remove the protective cap. Turn on the meter.
2. Immerse the electrode in the solution to be tested.
3. After cleaning the electrodes with distilled water or alcohol, dry the water on the plastic housing and shake off the small droplets on the electrodes, insert the instrument into the solution under test so that the measuring electrodes are immersed in the solution under test, and the depth of immersion of the electrodes must not exceed the length of the electrodes.



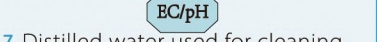
4. Stir gently and wait for the reading to stabilize. (note: do not touch the electrodes with your hands).



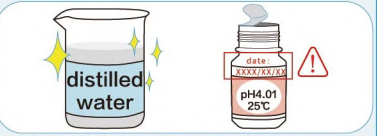
5. Press the "C/°F" key, choice the C/°F for measuring.



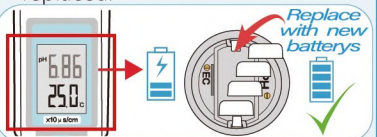
6. Press the "EC/pH" button, choice the PH or EC for measuring.



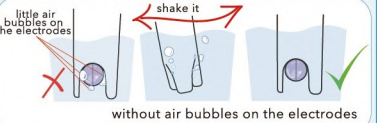
7. Distilled water used for cleaning must be clean, and expired solution can not be used in calibration.



8. If the LCD reading strokes are dimmed, the batteries need to be replaced.

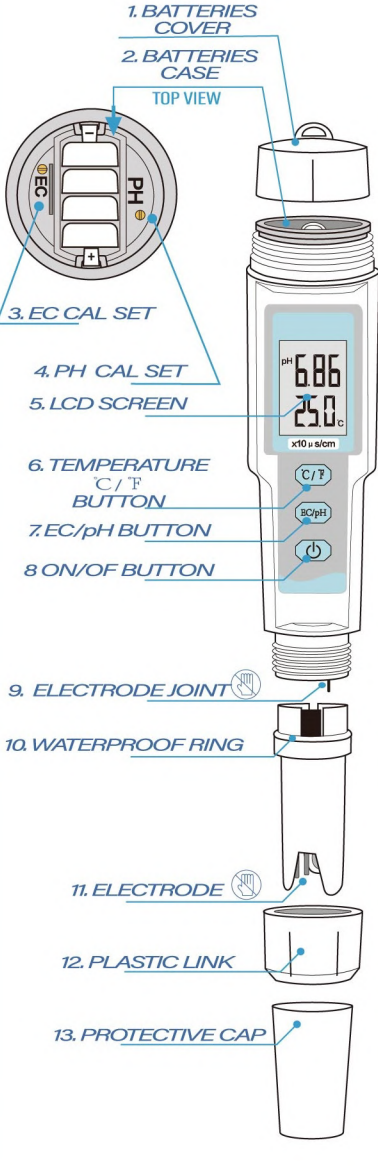


9. Gently shake the device so that small bubbles on the electrodes leave the electrodes and read a stable display number when the value is stable.



10. After use, turn off the meter. Rinse the electrode with distilled water to minimize contamination. Always replace the protective cap after use.

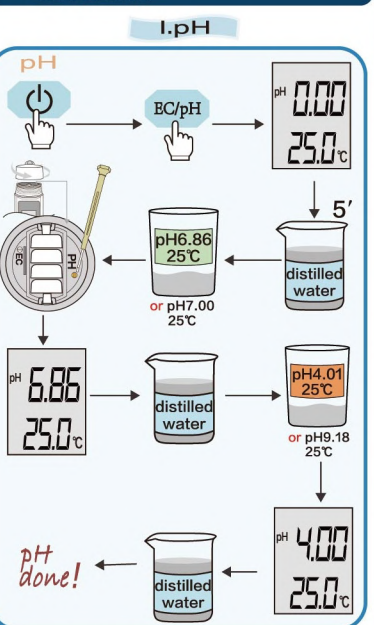
Note:
EC meter value is the reading x10.
Example: the reading display to 128, actual EC meter value for: 128X10=1280 μ S/cm



EC-3587
Waterproof pH/EC & Temperature meters

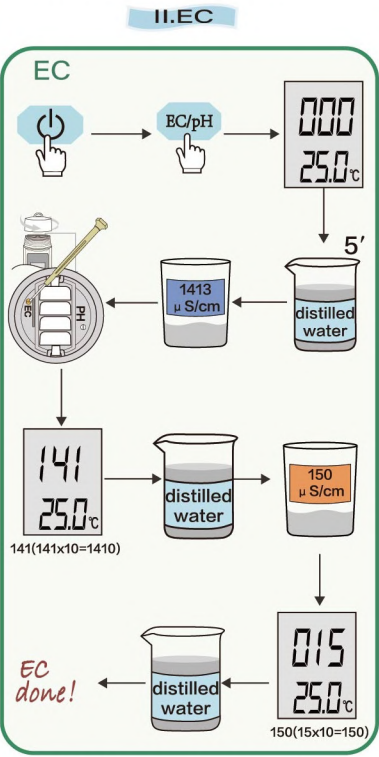


· CALIBRATION



1. Rinse the pH electrode first with distilled water, and suck it with filter paper (not included).
 2. Turn on the meter. Press the "EC/pH" button, choice the PH for measuring.
 3. Immerse the pH electrode in pH6.86 (or pH7.00) buffer solution, gently shake the meter and wait for a stable display.
 4. Regulate the trimmer with the screwdriver provided until display shows "6.86" ("7.00") at buffer solution temperature of 25°C.
 5. Rinse the pH electrode with distilled water, and suck it with filter paper (not included).
 6. Immerse the pH electrode in pH4.01 or pH9.18 (pH10.0) buffer solution, gently shake the electrode and waiting for the reading to stabilize. The showing value and buffer solution's pH value is within error range.
 7. The calibration of the instrument's pH range is now complete.
- Important:
The pH meter should be recalibrated under following situations:
*The meter has been used for long time

since the last calibration or use.
*The meter has been used in particularly continual conditions.
*The utmost accuracy is required.



1. Turn on the meter. Press the "EC/pH" button, choice the EC for measuring.
2. Immerse the electrode in the distilled water. Activate it about five minutes.
3. Immerse the electrode in 1413 μ S/cm calibration solution. And stir it gently.
4. Unscrew the battery compartment cap on the top of the meter.
5. Allow the reading to stabilize and with a small screwdriver turn the calibration trimmer until the display shows "141 (141x10=1410)".
6. Rinse the electrode with distilled water and suck it with filter paper.
7. Immerse the electrode in 150 μ S/cm calibration solution. gently shake it and wait for a stable display. The showing value and buffer solution's value is within error

range.
8. Rinse the electrode with distilled water and suck it with filter paper.
The calibration of the instrument's EC range is now complete.

· NOTICE

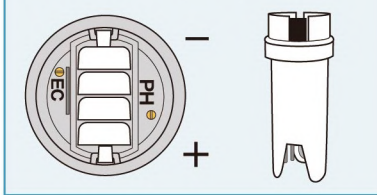
- Stir gently the meter when using. Don't let some blub on the electrode.
- For guarantee the measure accuracy, please don't re-calibrate it optionally.
- In case of abnormal phenomena such as high measured deviation, blinking measured value, no zero resetting, etc, please immerse the electrode in alcohol for cleaning.
- There is show high measured deviation after cleaning and calibration. Please replace the electrode. Unscrew the plastic ring on the top of the electrode. Pull out the pH electrode and replace it with a new one (Make sure the gaskets are in place before screwing back the ring).

· BATTERY REPLACEMENT

If the meter can not be switched on or the display fades, please check the voltage of power supply (replace the batteries when the voltage is lower than 4.5V). To replace the batteries unscrew the battery compartment cap and replace all four 1.5V batteries while paying attention to their polarity.

· ELECTRODE REPLACEMENT

1. Remove the protective cap.
2. Unscrew the plastic ring on the top of the electrode.
3. Pull out the electrode and replace it with a new one.
4. Make sure the gaskets are in place before screwing back the ring.



· WARRANTY

These instruments are warranted from all defects in material and manufacturing or a period of one year from the date of purchase.

If during this period, the repair or the replacement of parts are required where the damage is not due to negligence or erroneous operation by user, please

return the parts to either dealer or our offices, and the repair will be effected free of charge.

· APPLICATION

