

IMPORTANT

The instrument's pH range must be re-calibrated whenever:

1. The electrode has been used (laid) for long time from the last calibration.
2. The electrode has been used in particularly taxing conditions.
3. The utmost accuracy is required.

BATTERY INSTALL

If the screen darkens or gets fuzzy, or the error is large, Batteries should be replaced. Just pull out the battery case and replace it. Pay attention to the directions.

WARRANTY

These instruments are warranted from all defects in material and manufacturing for a period of one year from the date of purchase. If during this period, the repair or the replacement of parts is 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.

pH meter

PH-689

PH ORP&TEMP METER



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+982144584619

+989034119385

پتروفرهان گستر جنوب

FGJ-NDT.IR

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SPECIFICATIONS

Range: pH 0.00~14.00PH

ORP: 0~ ± 1999MV

TEMP: -50°C~70°C

(-58°F~158°F)

Resolution: PH 0.01PH

ORP: 1MV

TEMP: 0.1°C(0.2°F)

Accuracy: PH ± 0.1PH

ORP: ± 5MV

TEMP: ± 1.0°C(± 2°F)

Battery: DC6V

Temperature Compensation: 0°C~50°C


Operating Temperature: 0°C~50°C

Dimensions: 188mm × 35mm × 35mm



Weight: 80g

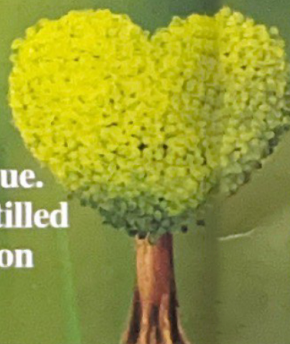


PH CALIBRATION


1. Immerse the electrode in pH 6.86 (under the temperature of 25°C) standard buffer solution of phosphate, and gently shake the electrode .press “” to choice the pH.
2. Regulate the trimmer with a screwdriver until the buffer solution value corresponding to the measurement temperature is obtained.
3. Immerse the electrode in PH4.01 or PH9.18 the standard buffer solution of borax. after about one minute, until the buffer solution value corresponding to the measurement temperature is obtained.
4. Showing value and buffer solution 's PH value is within error range.

OPERATION

1. Remove the protective cap.
2. First clean the electrode with distilled water, and suck it with filter paper.
3. Press the “” to switch power.
4. Immerse the meter electrode in solution up to the immersion level. Under no circumstances immerse above display level.
5. press “” to choice the PH or ORP. Wait until the digital is stable, read the final value. After use, Switch off it, Use the distilled water clean the electrode and put on the protective case.



ORP Calibration

1. Immerse the meter in the distilled water. Activate it about some hours. press “” to choice the ORP.
 2. Immerse the meter in 265mV calibration solution (With quinhydrone reagent 4.01 calibration solution) ,and stir it gently.
 3. Allow the reading to stabilize and with a small screwdriver turn the calibration trimmer until the display show “265” .
 4. Rinse the electrode with distilled water and suck it with tissue paper.
- Note: instrument electrode required regular (about 15 days) is inserted into the saturated solution of potassium chloride for several hours, in order to ensure the accuracy of measurement. electrode in alcohol for cleaning.

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