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Gravity: Analog pH Sensor / Meter Pro Kit For Arduino

SKU:SEN0169



INTRODUCTION

This is a professional Arduino pH Sensor Meter Kit with an [industrial electrode](#). It has built-in simple, convenient, practical connection and long life (up to 1 year), which makes it very suitable for long term online monitoring. It has an LED which works as the Power Indicator, a BNC connector, and a PH2.0 sensor interface. To use it, just connect the pH sensor with the BNC connector, then plug the PH2.0 interface into the analog input port of any Arduino controller. If programmed, you will get the pH value easily. You may also check [Liquid Sensor Selection Guide](#) to get better familiar with our liquid sensor series.

This industrial pH electrode is made of sensitive glass membrane with low impedance. It can be used in a variety of PH measurements with fast response and excellent thermal stability. It has good reproducibility, is difficult to hydrolysis, and can eliminate basic alkali error. In 0pH to 14pH range, the output voltage is linear. The reference system which consist of the Ag/AgCl gel electrolyte salt bridge has a stable half-cell potential and excellent anti-pollution performance. The ring PTFE membrane is not easy to be clogged, so the electrode is suitable for long-term online detection.

You can find its spare probe here: [Industrial pH Probe](#).

Note: After you received your package! You may found some white particles on the protection foam which is the KCl crystallization from the cap. Please don't worry about the



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crystallization in the packing box, that's normal. Actually, since the transportation restriction on liquid, we have poured out the KCL3N solution in the cap, the slight crystallization in the packing box should be leaked since the remnant. Anyway, once you received the probe, you should store it in the KCL3N solution, you can not leave it in dry circumstance

APPLICATIONS

- Water Quality Surveillance
- Aquaculture

SPECIFICATION

- Module Power: 5.00V
- Module Size : 43mmx32mm (1.70"x1.26")
- Measuring Range:0-14PH
- Measuring Temperature:0-60 °C
- Accuracy : $\pm 0.1\text{pH}$ (25 °C)
- Response Time: $\leq 1\text{min}$
- Industry pH Electrode with BNC Connector
- PH2.0 Interface (3-foot patch)
- Gain Adjustment Potentiometer
- Power Indicator LED