KANAGAWA INSTRUMENTS

Glass pH probe

Model : KPOS-G



Description

Designed for seawater environment.

The outstanding application of the Kanagawa Instruments KPOS-G Glass pH Probe in seawater pH measurement.

Solid-State Liquid Junction Design: The reference electrode system is a non-porous, solid, non-exchange reference system. It completely avoids various problems caused by the exchange and blockage of the liquid junction, such as the reference electrode being easily polluted, reference vulcanization poisoning, reference loss, and other problems.

Anti-Corrosion Material: In strongly corrosive seawater, the KPOS-G Glass pH Probe is made of marine titanium alloy material to ensure the stable performance of the electrode.

Features

Stable and Accurate Measurement Data: In the seawater environment, the reference electrode maintains high efficiency and stable performance, and the measuring electrode is specially designed for corrosion resistance. It ensures stable and reliable measurement of the pH value process.

Low Maintenance Workload: Compared with ordinary electrodes, Kanagawa Instruments KPOS-G Glass pH Probe only needs to be calibrated once every 90 days. The service life is at least 2–3 times longer than that of ordinary electrodes.

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Technical Specification

Model No.	**KPOS-G**
pH zero point	7.00±0.25pH
Reference system	SNEX(Blue) Ag/AgCl/KCl
Electrolyte solution	3.3M KCl
Membrane resistance	<500MΩ
Housing material	Glass
Liquid junction	SNEX
Waterproof grade	IP68
Measurement range	0-14pH
Accuracy	±0.05pH
Pressure resistance	≤0.6Mpa
Temperature compensation	None
Temperature range	0-80℃
Calibration	Sample calibration, standard liquid calibration
Double Junction	Yes
Cable length	Standard 5m cable, can be extended to 100m
Installation thread	PG13.5
Application	Sea water