



SK-SY14

PH TEST METER



SKSurgitech™
by Saikang Medical

Care you precisely

SK-SY14

FEATURES AND HIGHLIGHTS

Design: This product is suitable for use in industries such as pharmacies, pharmaceutical factories, hospitals, health centers, research institutes, and disease prevention and control centers. It is used for testing the acidity and alkalinity of purified water, tap water, domestic water, and various liquids. A pH value of 7.0 indicates neutrality, values below 7.0 indicate acidity, and values above 7.0 indicate alkalinity.

Working principle: A pH meter works on the principle of a primary cell. The electromotive force between the two electrodes of the primary cell is based on the Nernst equation, which is related to the properties of the electrode itself and the concentration of hydrogen ions in the solution. There is a corresponding relationship between the electromotive force of the primary cell and the concentration of hydrogen ions, and the negative logarithm of the hydrogen ion concentration is the pH value.

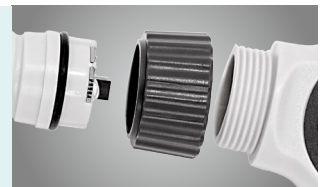
Features: It has automatic temperature compensation, temperature compensation range from 0-60°C, which allows for more accurate and stable pH measurement at different temperatures. It also has an over-range alarm function.

Technical parameters

▪ Dimension	17.5×4cm
▪ Weight	1kg
▪ Measuring rang	PH: (0.00~14.00)PH
▪ Minimum Display Unit	0.05PH
▪ Basic repeatability of instrument	±0.03PH
▪ Temperature Compensation Range	0 ~ 70 °C
▪ Temp Accuracy	±1°C
▪ Temperature range of the measured solution	0 ~ 60 °C
▪ Display	LCD large screen display
▪ Powder Supply	4 LR44 1.5V button batteries
▪ Working Temperature	0 ~ 50 °C

Probe

Replaceable probe with a plug-in design that can be easily removed and replaced. After replacement, recalibration is all that is needed to use the new probe.



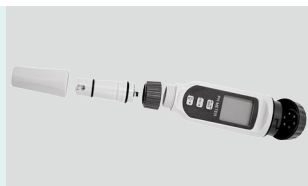
Electrode Protective Sleeve

There is a sponge with potassium chloride solution inside to keep the electrode bulb hydrated for a long time, effectively extending the electrode bulb's lifespan.



Material

Brand new engineering plastic shell, beautiful appearance, durable.



Pole

Using resistive glass film, it is delicately molded at a high temperature of 1000°C, and the sensitivity and precision are increased to 0.01.



Battery Holder

It is equipped with 4 LR44 1.5V button batteries, which are durable and easy to replace.



Control Panel

PVC waterproof button is clear in function and durable for safe use.



Battery Compartment Protection Cap

The plastic protective cap with a waterproof rubber ring protects the battery compartment from water and dust.



Display

Instrument adopts a large-screen LCD segmented liquid crystal display, with dual display of data, which can simultaneously display the pH value and temperature of the solution. It has a backlit display and can be operated in a dark environment.





CONSTANT INNOVATION



Design



Research



Manufacturing



Maintenance



Service



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Company video



General catalogue