

**WSPH1001** is a pH sensor with high temperature resistant gel and solid dielectric two-liquid sensor.

The pH sensor detects the concentration of H<sup>+</sup> ions present in the water body and converts this electrochemical current into a voltage. This is then converted to pH readings via a pH meter

## Applications

Continuous monitoring of pH values in

- thermal power plants
- chemical fertilizer production
- metallurgy
- environmental protection
- pharmacy
- biochemical engineering
- F&B and drinking water
- wastewater and many other industries.



S8 Socket

VP Socket

## Features

- It adopts heat-resisting gel dielectric and solid dielectric double liquid junction structure; in the event that the electrode is not connected to the back pressure, it can withstand a max. pressure of 0.4 Mpa.
- It can be directly used for ≤130 °C sterilization.
- There is no need for refilling of electrolyte, therefore maintenance is low.
- It adopts S8 or VP socket, which can be replaced by any overseas electrode.

## Technical Specification

Specification	
Measuring range	0~14.00 pH
Temperature	0~130 °C
Pressure	0~4 Bar
Temperature compensation	PT 1000
Material	Glass
Cable Length	5 meters (Can be modified)
Sensor Length	12 (dia.) x 120, 150, 210, 260, 320 mm

### Note:

The pH sensor can be used in the lab as well as directly in the process. For use in harsh environments a housing is to be used.