

**WSPH2001** is a pH sensor designed for flue gas desulphurisation (FGD) pH measurement. Flue gas desulphurisation is vital to prevent emission of greenhouse gases. Measuring the pH levels throughout the FGD process helps maintain optimum effectiveness of the process.

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 all kinds of

- industrial wastewater treatment
- environmental protection water treatment
- pH measurement of flue gas desulfurization

### Features

- It adopts heat-resisting gel electrode
- It can maintain excellent precision under high temperatures and high pH values
- There is no need for refilling of electrolyte, therefore maintenance is low.



### Technical Specification

Specification	
Measuring range	0~14.00 pH
Temperature	0~95 °C
Pressure	0~6 Bar
Temperature compensation	PT 100/2.252K
Material	PPS
Cable Length	5 meters (Can be modified)
Slope	<96%
Zero Potential	pH 7 ± 0.3
Installation	Upper & Lower ¾ NPT
Thermistor	2.252K, PT100 (optional)
Connection mode	Low noise cable leads directly