

## CS1545 pH Sensor

Designed for High temperature and biological fermentation process.

CS1545 pH electrode adopts the most advanced solid dielectric in the world and large-area PTFE liquid junction. Not easy to block, easy to maintain. The long-distance reference diffusion path greatly prolongs the service life of the electrode in harsh environments. With built-in temperature sensor (Pt100, Pt1000, etc. can be selected according to user requirements) and wide temperature range, it can be used in explosion-proof areas.



1, Take use of ceramic diaphragm, so that the electricity has a stable liquid connection potential and low resistance characteristics, anti-blocking, anti-pollution.

2, High temperature resistance, 130°C steam disinfection (disinfection 30-50 times), safety and health, in line with the requirements of food hygiene, fast response, stability, long service life.

3, With high temperature disinfection sensitive glass membrane, pH range: 0-14pH, temperature range: - 10-130 °C, pressure range or less 0.6 Mpa, zero potential PH = 7.00.

4, The electrode is mainly used for high temperature sterilization of biochemical fermentation of pH value measurement.

<b>Model No.</b>	<b>CS1545</b>
<b>pH zero point</b>	7.00±0.25pH
<b>Reference system</b>	SNEX Ag/AgCl/KCl
<b>Electrolyte solution</b>	3.3M KCl
<b>Membrane resistance</b>	<800MΩ
<b>Housing material</b>	Glass
<b>Liquid junction</b>	SNEX
<b>Waterproof grade</b>	IP68
<b>Measurement range</b>	0-14pH
<b>Accuracy</b>	±0.05pH
<b>Pressure resistance</b>	≤0.6Mpa
<b>Temperature compensation</b>	NTC10K,PT100,PT1000 (Optional)
<b>Temperature range</b>	0-130℃
<b>Calibration</b>	Sample calibration, standard liquid calibration
<b>Double Junction</b>	Yes
<b>Cable length</b>	Standard 5m cable, can be extended to 100m
<b>Dimensions:</b>	12*120mm or 12*225mm (Customize)
<b>Installation thread</b>	PG13.5
<b>Application</b>	High temperature and biological fermentation process.