

CS1745 pH electrode

Designed for High temperature and biological fermentation process.

CS1745 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.

Model No.	CS1745
pH zero point	7.00±0.25pH
Reference system	SNEX Ag/AgCl/KCl
Electrolyte solution	3.3M KCl
Membrane resistance	<800MΩ
Housing material	PP
Liquid junction	SNEX
Waterproof grade	IP68
Measurement range	0-14pH
Accuracy	±0.05pH
Pressure resistance	≤0.6Mpa
Temperature compensation	None or PT1000 (Optional)
Temperature range	0-130℃
Calibration	Sample calibration, standard liquid calibration
Double Junction	Yes
Cable length	Standard 10m cable, can be extended to 100m
Installation thread	NPT3/4"
Application	High temperature and biological fermentation process.