

## CS1788 pH Sensor

Designed for pure water, low ion concentration environment.



Pure water pH electrode

- Using large-area low-resistance sensitive film bulb  $\leq 30\text{M}\Omega$  (at  $25^\circ\text{C}$ ), suitable for usage in ultrapure water
- Using gel electrolyte and solid electrolyte salt bridge. Pool electrode is composed of two different colloidal electrolytes. This unique technology ensures longer electrode life and reliable stability
- It can be equipped with PT100, PT1000, 2.252K, 10K and other thermistors for temperature compensation
- It adopts advanced solid dielectric and large area PTFE liquid junction. It is not easy to be blocked and easy to maintain.
- The long-distance reference diffusion path greatly prolongs the service life of the electrode in harsh environments.
- The newly designed glass bulb increases the bulb area and prevents the generation of interfering bubbles in the internal buffer, making the measurement more reliable.
- The electrode adopts high-quality low-noise cables, which can make the signal output length longer than 20 meters without interference. Pure water composite electrodes are widely used in circulating water, pure water, RO water and other occasions

<b>Model No.</b>	<b>CS1788</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>	<600MΩ
<b>Housing material</b>	PP
<b>Liquid junction</b>	SNEX
<b>Waterproof grade</b>	IP68
<b>Measurement range</b>	2-12pH
<b>Accuracy</b>	±0.05pH
<b>Pressure resistance</b>	≤0.6Mpa
<b>Temperature compensation</b>	NTC10K,PT100,PT1000 (Optional)
<b>Temperature range</b>	0-80°C
<b>Calibration</b>	Sample calibration, standard liquid calibration
<b>Double Junction</b>	Yes
<b>Cable length</b>	Standard 10m cable, can be extended to 100m
<b>Installation thread</b>	NPT3/4"
<b>Application</b>	Pure water, low Ion concentration environment.