



## CS1700 pH Sensor

Designed for common water quality.

Double salt bridge design, double layer seepage interface, resistant to medium reverse seepage.

The ceramic pore parameter electrode oozes out of the interface and is not easy to be blocked, which is suitable for monitoring of common water quality environmental media.

High-strength glass bulb design, the glass appearance is stronger.

The electrode adopts low noise cable, the signal output is farther and more stable

Large sensing bulbs increase the ability to sense hydrogen ions, and perform well in common water quality environment media.

### Conventional online pH electrode

- Using PTFE large ring diaphragm to ensure the durability of the electrode;
- Can be used under 3bar pressure;
- Long service life;
- Optional for high alkali/high acid process glass;
- Optional internal NTC temperature sensor for precise temperature compensation;
- TOP 68 insertion system for reliable measurement of transmission;
- Only one electrode installation position and one connecting cable are required;
- Continuous and accurate pH measurement system with temperature compensation.

<b>Model No.</b>	<b>CS1700</b>
<b>Measure material</b>	PP+GF
<b>pH zero point</b>	$7.00 \pm 0.25\text{pH}$
<b>Reference system</b>	Ag/AgCl/KCl
<b>Electrolyte solution</b>	3.3M KCl
<b>Membrane resistance</b>	<500M $\Omega$
<b>Housing material</b>	PP
<b>Liquid junction</b>	Ceramic cores
<b>Waterproof grade</b>	IP68
<b>Measurement range</b>	2-12pH
<b>Accuracy</b>	$\pm 0.05\text{pH}$
<b>Pressure resistance</b>	$\leq 0.3\text{Mpa}$
<b>Temperature compensation</b>	None
<b>Temperature range</b>	0-80℃
<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>Installation thread</b>	NPT3/4"
<b>Application</b>	Common water quality