

## CS1778 pH electrode

Designed for flue gas desulfurization environment



The working conditions of the desulfurization industry are more complicated. The common ones include liquid alkali desulfurization (adding NaOH solution in the circulating liquid), flake alkali desulfurization (putting quicklime into the pool to generate lime slurry, which will also release more heat), double alkali method (quick lime And NaOH solution).

CS1778 pH electrode advantage: Desulfurization pH electrode is used for pH measurement in flue gas desulfurization. The electrode adopts gel electrode, which is maintenance-free. The electrode can maintain high precision even at high temperature or high pH. The flat desulfurization electrode has a glass bulb with a flat structure, and the thickness is much thicker. It is not easy to adhere to impurities. The liquid junction of the sand core is used for easy cleaning. The ion exchange channel is relatively thin (conventional is PTFE, similar to the sieve structure, the sieve hole will be relatively large), effectively avoiding poisoning, and the shelf life is relatively long.

<b>Model No.</b>	<b>CS1778</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>	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>	0-80℃
<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>	Flue gas desulfurization environment