

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.

Model No.	CS1778
pH zero point	7.00 ± 0.25pH
Reference system	SNEX Ag/AgCl/KCl
Electrolyte solution	3.3M KCl
Membrane resistance	<600MΩ
Housing material	PP
Liquid junction	SNEX
Waterproof grade	IP68
Measurement range	0-14pH
Accuracy	±0.05pH
Pressure resistance	≤0.6Mpa
Temperature compensation	NTC10K,PT100,PT1000 (Optional)
Temperature range	0-80℃
Calibration	Sample calibration, standard liquid calibration
Double Junction	Yes
Cable length	Standard 10m cable, can be extended to 100m
Installation thread	NPT3/4"
Application	Flue gas desulfurization environment