

CS1778D Digital pH Sensor



Designed for flue gas desulfurization environment.

Easy to connect to PLC, DCS, industrial control computers, general purpose controllers, paperless recording instruments or touch screens and other third party devices.

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).

CS1778D 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.

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| Model No. | CS1778D |
| Power/Outlet | 9~36VDC/RS485 MODBUS RTU |
| Measure material | Glass/silver+ silver chloride; SNEX |
| Housing material | PP |
| Waterproof grade | IP68 |
| Measurement range | 0-14pH |
| Accuracy | ±0.05pH |
| Pressure resistance | 0~0.6Mpa |
| Temperature compensation | NTC10K |
| Temperature range | 0-90℃ |
| Calibration | Sample calibration, standard liquid calibration |
| Connection methods | 4 core cable |
| Cable length | Standard 10m cable, can be extended to 100m |
| Installation thread | NPT3/4'' |
| Application | Desulfurization, containing sulfide water quality |