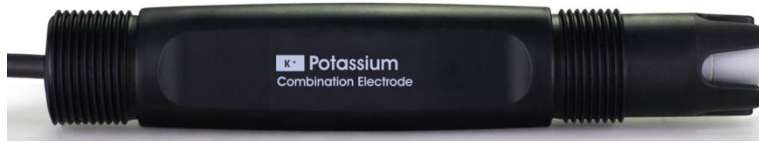


CS6712D Digital Potassium Ion Sensor



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

The potassium ion selective electrode is an effective method to measure the potassium ion content in the sample. Potassium ion selective electrodes are also often used in online instruments, such as industrial online potassium ion content monitoring. Potassium ion selective electrode has the advantages of simple measurement, fast and accurate response. It can be used with PH meter, ion meter and online potassium ion analyzer, and also used in electrolyte analyzer, and ion selective electrode detector of flow injection analyzer.

Application: Determination of potassium ions in feedwater treatment of high-pressure steam boilers in power plants and steam power plants. Potassium ion selective electrode method; potassium ion selective electrode method for determination of potassium ions in mineral water, drinking water, surface water and seawater; potassium ion selective electrode method. Determination of potassium ions in tea, honey, feed, milk powder and other agricultural products; potassium ion selective electrode method for determination of potassium ions in saliva, serum, urine and other biological samples; potassium ion selective electrode method for determination of content in ceramic raw materials.

Product advantages:

- CS6712D potassium ion sensor is solid membrane ion selective electrodes, used to test potassium ions in water, which can be fast, simple, accurate and economical;
- The design adopts the principle of single-chip solid ion selective electrode, with high measurement accuracy;
- PTEE large-scale seepage interface, not easy to block, anti-pollution Suitable for wastewater treatment in the semiconductor industry, photovoltaics, metallurgy, etc. and pollution source discharge monitoring;
- High-quality imported single chip, accurate zero point potential without drift ;

Model No.	CS6712D
Power/Outlet	9~36VDC/RS485 MODBUS
Measuring method	Ion electrode method
Housing material	PP
Size	Diameter 30mm*length 160mm
Waterproof rating	IP68
Measurement range	0~1000mg/L
Accuracy	±2.5%
Pressure range	≤0.3Mpa
Temperature compensation	NTC10K
Temperature range	0-50℃
Calibration	Sample calibration, standard liquid calibration
Connection methods	4 core cable
Cable length	Standard 10m cable or extend to 100m
Mounting thread	NPT3/4"
Application	General application, river, lake, drinking water environmental protection, etc.