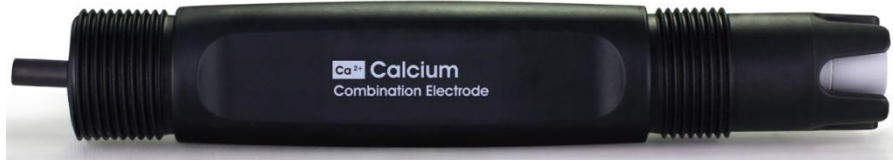


CS6718D Digital Hardness Sensor (Calcium)



Calcium Ion

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

The calcium electrode is a PVC sensitive membrane calcium ion selective electrode with organic phosphorous salt as the active material, used to measure the concentration of Ca^{2+} ions in the solution.

Application of calcium ion: The calcium ion selective electrode method is an effective method to determine the calcium ion content in the sample. The calcium ion selective electrode is also often used in online instruments, such as industrial online calcium ion content monitoring, calcium ion selective electrode has the characteristics of simple measurement, fast and accurate response, and can be used with pH and ion meters and online calcium ion analyzers. It is also used in ion selective electrode detectors of electrolyte analyzers and flow injection analyzers.

Calcium ion selective electrode method for determination of calcium ions in high-pressure steam boiler feedwater treatment in power plants and steam power plants, calcium ion selective electrode method for determination of calcium ions in mineral water, drinking water, surface water, and seawater, calcium ion selective electrode method to determine calcium ions in tea, honey, feed, milk powder and other agricultural products: determine calcium ions in saliva, serum, urine and other biological samples.

Model No.	CS6718D
Power/Outlet	9~36VDC/RS485 MODBUS
Measuring material	PVC Film
Housing material	PP
Waterproof rating	IP68
Measurement range	0.2~40000mg/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	Industrial water, environmental protection, etc.