

## CS6720D Digital Nitrate Ion Sensor



### Introduction:

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

These Ion Selective Electrodes are designed to work with any modern pH/mV meter, ISE/concentration meter, or suitable on-line instrumentation.

Our Ion Selective Electrodes have several advantages over colorimetric, gravimetric, and other methods:

It can be used from 0.1 to 10,000 ppm.

The ISE electrode bodies are shock-proof and chemically-resistant.

The Ion Selective Electrodes, once calibrated, can monitor concentration continuously and analyze the sample within 1 to 2 minutes.

The Ion Selective Electrodes can be placed directly into the sample without sample pretreatment or destruction of the sample.

Best of all, Ion Selective Electrodes are inexpensive and great screening tools for identifying dissolved salts in samples.

### Product advantages:

- CS6720D Nitrate ion single electrode and composite electrode are solid membrane ion selective electrodes, used to test free chloride 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

<b>Model No.</b>	<b>CS6720D</b>
<b>Power/Output</b>	9~36VDC/RS485 MODBUS or 4~20mA (Optional)
<b>Measuring method</b>	Ion electrode method
<b>Housing material</b>	POM
<b>Size</b>	Diameter 30mm*length 160mm
<b>Waterproof rating</b>	IP68
<b>Measurement range</b>	0.5~10000mg/L
<b>Accuracy</b>	± 2.5%
<b>Pressure range</b>	≤0.3Mpa
<b>Temperature compensation</b>	NTC10K
<b>Temperature range</b>	0-50℃
<b>Calibration</b>	Sample calibration, standard liquid calibration
<b>Connection methods</b>	4 core cable
<b>Cable length</b>	Standard 10m cable or extend to 100m
<b>Mounting thread</b>	NPT3/4"
<b>Application</b>	General application, river, lake, drinking water environmental protection, etc.