

PXS-CL Microcomputer Chloride Concentration Meter



PXS – CL chlorine ion meter is a measure of chloride ion content in aqueous solution and design, especially for the power plant of high pure water (such as steam, water, boiler feed water, etc.) of the quality monitoring more applicable, also can be used in the structure of institutions of higher learning, scientific research departments and so on, petrochemical industry, microelectronics, determination of natural water, industrial drainage the chloride ion concentration in the water (or activity).

Pxs-cl chloride meter is produced by using the microcontroller technology, which makes the operation simple and convenient, and the digital display is intuitive and correct.

The instrument has the functions of manual temperature compensation and automatic temperature compensation (when the temperature electrode is connected, the instrument enters automatic temperature compensation and displays the current temperature; When the temperature electrode is not connected, the instrument enters the manual temperature compensation, and the instrument displays the manual temperature setting value. The temperature electrode belongs to the selective key. If the user needs it, it should be presented when ordering. Besides the pCL value display, the instrument also has the chloride ion concentration value [CL] display function. The instrument is beautiful and handy.

Main technical parameters

pCL value	(0.00 ~ 6.00) pCL
CL+ concentration	0.355 x g/L ~ 35.5g/L.
mV value	(-1800 ~ 1800) mV.
Resolution	0.01 pCL.
Basic error of electronic unit	+ / - 0.02pNa + / - 1 word.
Basic error of the instrument	0.05pcl.
Calculation error of 5pCL ~ [CL+] concentration value conversion	+ / - 0.3%(reading).
Instrument repeatability error	no more than 0.03pCL plus or minus 1 word.
temperature compensation range test solution	(5.0 ~ 50.0) °C
stability of electron unit	+ / + 0.02pCL/3h.
normal operating conditions of the instrument	
the environment temperature	(5 ~ 40 °C;
relative humidity	no more than 80%;
power supply	AC 220V plus or minus 22V; Frequency of 50 + 1 hz
no other magnetic field interference other than the earth's magnetic field	
no significant vibration.	
dimensions	: 1 x b x h, mm: 230 x 190 x 80
Weight	: 1.5kg