

PXS-CA CALCIUM CONCENTRATION METER



Characteristics of instrument

Pxs-ca calcium ion concentrator is produced by using microcontroller technology, which makes operation simple and convenient, and digital display intuitive and correct.

Instrument has manual temperature compensation and automatic temperature compensation functions (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.

Instrument has a calcium ion concentration value [Ca] display in addition to pF value display. Instruments are beautiful and lightweight.

Main technical parameters

3.1 measurement range:

pCa value	(0.00 ~ 6.00) pCa;
Ca concentration	40g/ 1-400ug /L.
mV value	(-1800 ~ 1800) mV.
defense rate	0.01 pCa
Basic error of electronic unit	+ / - 0.02pCa + / - 1 word.
basic error of the instrument:	
Calculation error of pF	~ [Ca] concentration conversion: + / - 0.3%(reading).
instrument repeatability error	no more than 0.03pCa + / - 1 word.
temperature compensation range test solution	(5.0 ~ 50.0) °C
stability of electronic unit	+ / + 0.02pCa /3h.
normal working 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	l x b x h, mm: 210 x 190 x 80
Weight	1.5kg