



Acid and Alkali Concentration Meter

Model: SJG-2083CS



Brief Introduction

The SJG-2083CS Acid and Alkali Concentration Meter is a brand-new online smart digital acid and alkali concentration meter with digital inductive conductivity sensor and independently developed and manufactured by BOQU Instrument. It covers the measurement of various solutions like electrical conductivity, sodium chloride, hydrochloric acid, nitric acid, sodium hydroxide and dilute;concentrated sulfuric acid etc.It's with digital acid-base concentration sensor, which can be widely used in thermal power generation, chemical industry, ion exchange method to produce high-purity water in the process of regenerating liquid concentration, or used to configure boiler pipe pickling liquid, to control the acid-base salt concentration in the solution continuous monitoring.

Technical Features

- Extremely quickly and precision Acid-base concentration sensor.
- It's suitable for harsh application and free-maintenance,save cost.
- Two ways of 4-20mA output for Acid-base concentration and temperature.
- Digital Inductive conductivity sensor,precision for harsh application.
- With data recording function,user easy to check history data and history curve.

Technical Parameters

Model	SJG-2083CS	
Name	Online Acid-base Concentration Analyzer	
Sensor	Digital Inductive Conductivity Sensor	
Protection	IP65	
Power Supply	90 – 260V AC 50;60Hz	
Output	Two ways of 4-20mA	
Relay	Two relays ,5A;250V AC,5A;30V DC	
Size	144×144×104mm	
Protocol	RS485 Modbus RTU	
Range	Conductivity	0.00mS;cm~2000.00 mS;cm
	NaCl	0.00%~25.00%
	HCl	0.00%~17.98% ; 20.01%~39.07%
	NHO3	0.00%~30.00%
	NaOH	0.00%~25.99% ; 15.13%~50.00%
	H2SO4	0.00%~30.25% ; 91.91%~100.00%
	HCl	0.00%~17.98% ; 20.01%~39.07%
Accuracy	±0.1%FS,±0.5°C	
Housing	ABS	

Installation reference