



Industrial Online Monitoring Instrument Series



Industrial Online Acid/Base/Salt Concentration Monitor

SJG3000C

Product Technical Specification | July 2026

Nanjing Jiuyuhui Environmental Technology Co., Ltd.
www.jiuyuhub.com

Product Overview

The SJG3000C uses conductivity method for online acid/base/salt concentration. Range 0-20% or 0-200 g/L (optional), IP65, 4-20mA+RS485, dual relay. Ideal for chemical, metallurgy, electroplating, and etching industries.

- Conductivity Method
- 0-20%
- Acid/Base/Salt
- IP65
- 4-20mA+RS485

Key Features



Conductivity Method
For online acid/base/salt concentration.



4-20mA+RS485
Isolated 4-20mA + RS485.



Dual Relay Control
Hi/Lo alarm with 2 SPST relays.



IP65 Protection
Dust/water resistant.



Two-Point Calibration
1-point/2-point calibration.



LCD + CN/EN Menu
LCD screen, Chinese/English menu.

Technical Specifications

Parameter	Specification
Model	SJG3000C
Principle	Conductivity method
Concentration Range	0.0-20.0% or 0-200 g/L (optional)
Resolution	0.1% or 0.1 g/L
Accuracy	+/-1% F.S.
Temperature Range	-10.0-110.0C
Detection Limit	Not listed on website; resolution 0.1%
Temp Input	22KΩ / PT1000
Mounting	Wall or panel mount
Output	4-20mA (isolated)
Comm.	RS485 (optional)
Relay	2x SPST (2.5A 230VAC)
Cleaning/Alarm	Optional 3rd
Power	85-260VAC or 12-36VDC
Operating Env.	0-60C, <90%RH
Protection	IP65
Dimensions	Wall 158x188x108 mm / Panel 108x108x156 mm
Weight	Wall 0.7 kg / Panel 0.6 kg

Maintenance	Indirect conductivity method; periodic standard solution calibration required
-------------	---

Typical Applications

- ▶ Chemical acid/base/salt concentration
- ▶ Metallurgy/electroplating process control
- ▶ Etching process concentration
- ▶ Reactor concentration online monitoring

Ordering Guide

Product Code	Description
SJG3000C	Wall/panel controller + probe

Accessories / Consumables

Accessory	Specification	Note
Conductivity Probe	-	Standard probe

Why Choose Jiuyuhub

 **Application-First Matching**
Recommendations based on your operating conditions.

 **Southeast Asia Adapted**
Optimized for tropical environments.

 **One-Stop Supply**
Water quality, fluid control, flow measurement.

 **24-Hour Response**
Fast response to inquiries.

This product is supplied and serviced locally by Jiuyuhub. Product images are for illustrative purposes only.