



Industrial Online Monitoring Instrument Series



Industrial Online pH/ORP Water Quality Monitor

PH3000C

Product Technical Specification | July 2026

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

Product Overview

The PH3000C is an industrial online pH/ORP monitor (panel mount). pH 0-14 / ORP -1999 to +1999mV, IP65, 4-20mA+RS485, dual relay. Compact panel-mount design for embedded integration. Ideal for chemical, electroplating, and pharmaceutical industries.

- 0-14pH
- IP65
- Panel Mount
- 4-20mA+RS485
- Industrial pH

Key Features



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



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



IP65 Protection
Dust/water resistant.



Multi-Point Calibration
1/2/3-point calibration.



Auto Temp Compensation
PT1000/22KΩ auto temperature compensation.



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

Technical Specifications

Parameter	Specification
Model	PH3000C
Principle	Glass electrode method
pH Range	0-14 pH
pH Resolution	0.01 pH
pH Accuracy	+/-0.02 pH
ORP Range	-1999 to +1999 mV
ORP Accuracy	+/-1 mV
Temperature Range	-10.0-110.0C
Temp Input	22KΩ / PT1000
Mounting	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	108x108x156 mm

Cutout	94.5x94.5 mm
Weight	0.6 kg
Maintenance	pH electrode needs periodic calibration (1-2 weeks recommended); life ~12-18 months

Typical Applications

- ▶ Chemical reactor pH monitoring
- ▶ Electroplating process pH control
- ▶ Pharmaceutical process pH monitoring
- ▶ Food/beverage fermentation pH control

Ordering Guide

Product Code	Description
PH3000C	Panel controller + glass pH electrode

Accessories / Consumables

Accessory	Specification	Note
Glass pH Electrode	-	Standard

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.