



Industrial Online Monitoring Instrument Series



Industrial Online Dissolved Oxygen Monitor

DO3000M

Product Technical Specification | July 2026

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Product Overview

The DO3000M is an industrial online DO monitor using polarographic electrochemistry, providing continuous measurement and control of oxygen in water. Range 0-400% / 0-40 mg/L, 4-20mA isolated output + RS485, 2 relay control, optional 3rd cleaning/alarm relay, IP65, wall or panel mount. Ideal for municipal wastewater, industrial process water, and aquaculture monitoring.

- Polarographic
- 0-40mg/L
- 4-20mA+RS485
- IP65
- Relay Control

Key Features



4-20mA+RS485

Isolated 4-20mA output with optional RS485 interface.



Two-Point Calibration

1-point or 2-point calibration, easy operation.



Dual Relay Control

Hi/Lo limit alarm with 2 relay control outputs.



Temp/Pressure/Salinity Comp.

Auto temperature + manual pressure/salinity compensation.



IP65 Protection

Dust/water resistant, 24/7 industrial operation.



LCD + CN/EN Menu

LCD screen with Chinese/English menu.

Technical Specifications

Parameter	Specification
Model	DO3000M
Principle	Polarographic electrochemistry
DO Range	0.0-400.0% / 0.00-40.00 mg/L
Resolution	0.1% / 0.01 mg/L
Accuracy	+/-0.2% F.S.
Salinity Comp.	0.0-40.0 ppt
Temperature Range	-10.0-110.0C
Temp Accuracy	+/-0.3C
Temp Input	22KΩ / PT1000
Pressure Comp.	600-2000 mBar
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

Typical Applications

- ▶ Aeration tank DO monitoring at WWTPs
- ▶ Industrial cooling water DO monitoring
- ▶ Continuous DO monitoring in aquaculture
- ▶ Process DO control in industrial wastewater

Ordering Guide

Product Code	Description
DO3000M	Panel/wall-mount controller unit

Accessories / Consumables

Accessory	Specification	Note
DO Electrode	-	Polarographic DO electrode
Flow Cell	-	Optional

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.

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