



Water Quality Monitoring Series



Intelligent Multi-parameter Water Quality Analyzer

MP230Pro-58

Product Technical Specification | July 2026

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Product Overview

The MP230Pro-58 is a portable multi-parameter water quality photometer. Using an LED cold-light source and spectrophotometric detection, it measures directly without warm-up or a light shield. The 4.3-inch color touch screen with bilingual menus supports rapid testing of 50+ parameters for water, wastewater, and environmental monitoring.

- No Warm-up
- IP65 Rated
- 50+ Parameters
- Ready-to-Use Reagents
- Bilingual

Key Features



Ready to Measure Instantly

Direct measurement without warm-up or light shield.



50+ Parameters Covered

Built-in standard curves for COD, ammonia nitrogen, total phosphorus, total nitrogen, and more.



IP65 Industrial Protection

Dust- and water-resistant, 550 g lightweight housing for field use.



Long Endurance, Dual Power

Built-in 8000 mAh battery with external power adapter option.



Ready-to-Use Reagents

Pre-dosed reagent tubes with built-in curves for easy operation.



Flexible Data Management

User-defined curves and Type-C data transfer for traceability.

Technical Specifications

Parameter	Specification
Model	MP230Pro-58
Detection Principle	Spectrophotometry (LED cold-light source)
Display	4.3-inch color touch screen
Menu Languages	Chinese / English
Light Source	Long-life LED
Absorbance Range	0–3 A
Optical Stability	≤±0.003 Abs (20 min)
Sample Vial Types	Φ16 mm / Φ25 mm
Parameters	CODcr, ammonia nitrogen, total phosphorus, total nitrogen, nitrate, permanganate index, and more than 50 others
Power Supply	Built-in 8000 mAh Li battery / external power adapter
Data Transfer	Type-C interface
Operating Environment	5–40 °C, ≤85% RH non-condensing
Protection Class	IP65
Dimensions	210 mm × 95 mm × 52 mm
Weight	550 g

Typical Applications

- ▶ Surface water and groundwater monitoring
- ▶ Municipal sewage treatment plant influent/effluent testing
- ▶ Industrial wastewater discharge compliance testing
- ▶ Field water quality emergency screening
- ▶ Environmental monitoring laboratory analysis

Ordering Guide

Product Code	Description
MP230Pro-58	Main unit + power adapter + Type-C cable + manual

Accessories / Consumables

Accessory	Code	Specification
COD Reagent Tubes (standard)	CR218-25	25 tubes/box
COD Reagent Tubes (low range)	CR218-9	9 tubes/box
Ammonia Nitrogen Reagent Tubes	CR219-4	4 tubes/box
Portable Carrying Case	—	Optional
Dual-Temperature Digestion Block	—	Optional

Why Choose Jiuyuhub

 Application-First Matching Recommendations based on your actual operating conditions.	 Southeast Asia Adapted Optimized for tropical, high-temperature, high-humidity environments.
 One-Stop Supply Water quality, fluid control, and flow measurement instruments.	 24-Hour Response Fast response to inquiries and technical support.

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