PMI800-ORP Portable ORP Water Analyzer

Principle of Measurement

Portable ORP analyzer consists of portable host and portable ORP sensor. The sensor uses composite electrode composed of a glass indicator electrode and a reference electrode to measure ORP value of water quality, data stability and reliable performance.



Features

- The host with IP67 protection rating;
- 3.5-inch color screen display, interface menu design is beautiful, easy to operate;
- Ergonomic curve design, suitable for hand grip, with rubber non-slip hand strap, not easy to slip in wet environment;
- With data storage function, and data export through USB interface;
- Built-in rechargeable battery and charging directly via USB without disassembling the battery;
- Automatically identify the connected sensor type and the reading interface automatically adapts;
- The sensor can be parameterized and calibrated.

Technical Specifications

Measurement range	-2000mV - +2000mV
Resolution	1mV
Accuracy	±2mV（electronic component）
Display	3.5-inch color display screen with adjustable backlight
Power supply	Built-in battery power, battery specifications: 4 3.7V rechargeable lithium battery
Data storage	More than 100,000 data
Material	Mainframe:ABS+PC；Sensor:PE+Glass
Protection level	Mainframe: IP67,sensor: IP68/NEMA6P
Operating temp.	0-50℃（Non-freezing）
Storage temperature	-15-60℃
Size&Weight	Mainframe:203*100*43mm,0.5KG sensor: Dia 13mm*Length 130mm,<0.1KG
Cable length	Standard: 3 m(The cable can be extendable)

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