PMI800-EC Portable Conductivity Water Analyzer

Principle of Measurement

The portable conductivity analyzer consists of a portable ma inframe and a portable conductivity sensor. The measureme nt principle is to put two parallel plates into the measured sol ution, add a certain electric potential (usually sine wave volt age) at both ends of the plate, and then measure the current flowing between the plates. Conductivity is determined by O hm's formula based on voltage and current values.



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	0-20000us/cm（K=1）
Resolution	0.1us/cm-0.01ms/cm（Depends on the measuring range）
Accuracy	±1.5% or ±2 us/cm，whichever is greater
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
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 120mm,＜0.1KG
Cable length	Standard: 3 m(The cable can be extendable)

Probest Intelligent Technology Co.,Ltd.
Email: international-sales@probest.cn
Tel:+86-(0)591-8322631
Web:www.probesti.com