



S-613 Series Ion Concentration Meter

Test ions in aqueous solutions with the features of simple sample process, quick and accurate measurements.



Main Features

- 6.5 inch LCD screen which is intuitive and can show more parameters. Humanized design of operating interface makes operations simpler.
- Omron long lasting and light touch panel can be used more than 100,000 times.
- Auto calibration, auto temperature compensation, data storage, USB data export, clock, wireless printing, function setup, smart self-diagnosis and other intelligent functions.
- Built-in big memory can store 150 sets of test data which can be saved and transferred to USB flash drive and opened with Excel, very easy and convenient for edit.
- Can test electric potential, pH, ORP, Ion concentration and temperature.
- Quick switch between different units: g/L, mol/L, ppm.
- Optional Bluetooth block and support wireless Bluetooth printing to make operations much easier for users. Optional data transmission to cell phone via wireless Bluetooth.
- Smart judge of electrode status to ensure accurate use for operators.
- IP54 waterproof and dustproof.

Standard Configuration

1. Ion concentration meter	1 unit	2. Ion electrode	1 pc
3. Reference electrode	1 pc	4. Temperature electrode	1 pc
5. Rotary electrode holder	1pc	6. 12V Power adapter	1pc
7. User manual	1copy	8. USB flash drive	1 pc



Model	Description	Applications
Fluoride Ion Meter	S-613F	Test and analysis of the fluoride in drinking water, surface water, sea water, living sewage and industrial wastewater and the fluorine ion in mineral, organic, and biological materials.
Sodium Ion Meter	S-613Na	Suitable for measurement of sodium ion and pH value in natural water, boiler water and industrial drainage, especially for the quality monitoring of high purity water in power plant.
Chloride Ion meter	S-613Cl	Measure chloride ion and pH value in drinking water, food and sewage.
Calcium Ion Meter	S-613Ca	Test calcium ion and pH value of water solutions. Widely used in the analysis and research of water quality, biochemistry and biomedicine.
Bromide Ion Meter	S-613Br	Test bromide ion and pH value in drinking water, food and sewage.
Nitrate Ion Meter	S-613NO	Test nitrate ion and pH value in drinking water, food and sewage.
Potassium Ion Meter	S-613K	Measure potassium ion and pH value in drinking water, food and sewage.
Ammonia Ion Meter	S-613NH	Test ammonia & nitrogen and pH value in drinking water, food and sewage.
Copper Ion Meter	S-613Cu	Test copper ion and pH value in food, beverage, electroplating industry and sewage.
Iodide Ion Meter	S-613I	Test iodide ion and pH value in drinking water, food and sewage.

Specifications

Measurement Range	pH/pX	(-2.00~18.00)pH, (0.00~14.00) pX
	mV	(-1999.9~1999.9) mV
	Concentration	(0~19990), optional units: mol/L, g/L, ppm
	Temperature	(0~100.0) °C
Resolution	pH/pX	0.01pH/pX
	mV	1mV
	Concentration	4 significant digits(expressed in scientific notation)
	Temperature	0.1 °C
Accuracy	pH/pX	0.02pH/pX
	mV	0.1%FS
	Concentration	±0.5%
	Temperature	±0.5 °C
Power Supply		DC 12V/1A, with standard power adapter
Size & Weight		240×170×70mm, 600g