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.

- Auto recognition of standard pH buffer solutions and there are three kinds of standard buffers for option: USA series, NIST series and China series.

- 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.

S-610 Series Benchtop pH Meter

Specifications

MODEL	S-610H	S-610L	S-610P
Display	6.5 inch LCD screen	6.5 inch LCD screen	6.5 inch LCD screen
Parameters	pH, mV, temperature	pH, mV, temperature	pH, mV, temperature
pH Measuring range	-2.000~18.000 pH	-2.00~18.00 pH	-2.00~18.00 pH
pH Resolution	0.001/0.01 pH	0.01/0.1 pH	0.01/0.1 pH
pH Accuracy	±0.01pH	±0.02pH	±0.02pH
Input current	≤$2×10^{-12}$ A	≤$2×10^{-12}$ A	≤$2×10^{-12}$ A
Input impedance	≥$1×10^{12}$Ω	≥$1×10^{12}$Ω	≥$1×10^{12}$Ω
mV Measuring range	-1999.99~1999.99 mV	-1999.99~1999.99 mV	-1999.99~1999.99 mV
mV Resolution	0.1mV	1mV	1mV
mV Accuracy	±0.03%FS	±0.1%FS	±0.1%FS
Temp Measuring range	0~100℃	0~100℃	0~100℃
Temp Resolution	0.1℃	0.1℃	0.1℃
Temp Accuracy	±0.5℃	±0.5℃	±0.5℃
Temp Compensation	0-100℃, automatic	0-100℃, automatic	0-100℃, automatic
Calibration	3 point, automatic	3 point, automatic	3 point, automatic
Buffers	USA/NIST/China	USA/NIST/China	USA/NIST/China
Data storage	150 sets	150 sets	150 sets
Communication interfaces	USB, Bluetooth	USB, Bluetooth	USB,Bluetooth
Working Conditions	Temperature: 5-40° Humidity: 5-85%	Temperature: 5-40° Humidity: 5-85%	Temperature: 5-40° Humidity: 5-85%
Power	12V/1A	12V/1A	12V/1A
Size & Weight	240 × 170 × 70mm/600g	240 × 170 × 70mm/600g	240 × 170 × 70mm/600g

Standard Configuration

1. S-610 pH meter — 1 unit
2. Composite electrode(subject to different models) — 1 pc
3. Rotary electrode holder — 1 pc
4. pH calibration buffer — 1 set
5. 12V power adapter — 1 pc
6. USB with user manual — 1 pc