

# S-611 Series Benchtop Conductivity Meter



## 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 500 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 eight kinds of standard conductivity solution and there are two series of standard solution for option: USA series and China series.
- Adopt advanced conductivity measurement technology, one point calibration of conductivity electrode can meet the measuring accuracy requirements for test  $0.5\mu\text{ S/cm} \sim 200\text{mS/cm}$ .
- Able to switch between conductivity, TDS, salinity and resistivity. Multinomial calculation for TDS and salinity to ensure the conversion precision of the full scale.
- Optional Bluetooth block and support wireless Bluetooth printing to make operations much easier for users. Optional data transmission to cell phone via wireless Bluetooth.
- IP54 dustproof and waterproof housing.

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## Specifications

MODEL	S-611H	S-611L	S-611P	S-611C
Display	6.5 inch LCD screen			
Parameters	conductivity, Resistivity, TDS, salinity, temperature			
measuring range	(0.00~20.00) $\mu\text{S/cm}$	(0.00~20.00) $\mu\text{S/cm}$	(0.00~20.00) $\mu\text{S/cm}$	(0.00~20.00) $\mu\text{S/cm}$
	(20.0~200.0) $\mu\text{S/cm}$	(20.0~200.0) $\mu\text{S/cm}$	(20.0~200.0) $\mu\text{S/cm}$	(20.0~200.0) $\mu\text{S/cm}$
	(200~2000) $\mu\text{S/cm}$	(200~2000) $\mu\text{S/cm}$	(200~2000) $\mu\text{S/cm}$	(200~2000) $\mu\text{S/cm}$
	(2.00~20.00) $\text{mS/cm}$	(2.00~20.00) $\text{mS/cm}$	(2.00~20.00) $\text{mS/cm}$	(2.00~20.00) $\text{mS/cm}$
	(20.0~200.0) $\text{mS/cm}$	(20.0~200.0) $\text{mS/cm}$	(20.0~200.0) $\text{mS/cm}$	(20.0~200.0) $\text{mS/cm}$
	(200~2000) $\text{mS/cm}$ (K=10)		(200~2000) $\text{mS/cm}$ (K=10)	(200~2000) $\text{mS/cm}$ (K=10)
Conductivity resolution	0.01/0.1/1 $\mu\text{S/cm}$	0.01/0.1/1 $\mu\text{S/cm}$	0.01/0.1/1 $\mu\text{S/cm}$	0.01/0.1/1 $\mu\text{S/cm}$
	0.01/0.1/1 $\text{mS/cm}$	0.01/0.1 $\text{mS/cm}$	0.01/0.1/1 $\text{mS/cm}$	0.01/0.1/1 $\text{mS/cm}$
Conductivity Accuracy	Electrode: $\pm 0.5\%$ FS	Electrode: $\pm 1.0\%$ FS	Electrode: $\pm 0.5\%$ FS	Electrode: $\pm 0.5\%$ FS
	Instrument: $\pm 0.8\%$ FS	Instrument: $\pm 1.50\%$ FS	Instrument: $\pm 0.8\%$ FS	Instrument: $\pm 0.8\%$ FS
Resistivity measuring range	0 ~ 100 $\text{M}\Omega\cdot\text{cm}$			
TDS	0~100g/L	0~100 g/L	0~100g/L	0~100g/L
Salinity	0~100 ppt	0~100 ppt	0~100 ppt	0~100 ppt
Temp measuring range	(0~100) $^{\circ}\text{C}$	(0~100) $^{\circ}\text{C}$	(0~100) $^{\circ}\text{C}$	(0~100) $^{\circ}\text{C}$
Temp resolution	0.1 $^{\circ}\text{C}$	0.1 $^{\circ}\text{C}$	0.1 $^{\circ}\text{C}$	0.1 $^{\circ}\text{C}$
Temp accuracy	$\pm 0.5^{\circ}\text{C}$	$\pm 0.5^{\circ}\text{C}$	$\pm 0.5^{\circ}\text{C}$	$\pm 0.5^{\circ}\text{C}$
Data storage	500 sets	500 sets	500 sets	500 sets
Communication interfaces	USB, Bluetooth	USB, Bluetooth	USB, Bluetooth	USB, Bluetooth
Working conditions	Temperature: 5-40 $^{\circ}$	Temperature: 5-40 $^{\circ}$	Temperature: 5-40 $^{\circ}$	Temperature: 5-40 $^{\circ}$
	Humidity: 5-85%	Humidity: 5-85%	Humidity: 5-85%	Humidity: 5-85%
Power	12V/1A	12V/1A	12V/1A	12V/1A
Size & Weight	240 × 170 × 70mm/600g			

## Standard Configuration

- |   |        |
|---|--------|
| 1. S-611 benchtop conductivity meter                    | 1 unit |
| 2. Conductivity electrode (subject to different models) | 1 pc   |
| 3. Rotary electrode holder                              | 1 pc   |
| 4. 12V power adapter                                    | 1 pc   |
| 5. USB with user manual                                 | 1 pc   |