

# 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 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 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  $0.5\mu\text{S}/\text{cm} \sim 200\text{mS}/\text{cm}$ .
- 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.



## Specifications

MODEL	S-611L	S-611H	S-611P
Display		6.5 inch LCD screen	
Parameters		conductivity, Resistivity, TDS, salinity, temperature	
		(0.00~20.00) $\mu$ S/cm	
		(20.0~200.0) $\mu$ S/cm	
Measuring range		(200~2000) $\mu$ S/cm	
		(2.00~20.00) mS/cm	
		(20.0~200.0) mS/cm	
	-	(200~2000) mS/cm (K=10)	
Conductivity resolution		0.01/0.1/1 $\mu$ S/cm	
		0.01/0.1/1 mS/cm	
Conductivity Accuracy	Electrode: $\pm 1.0\%$ FS Instrument: $\pm 1.50\%$ FS	Electrode: $\pm 0.5\%$ FS Instrument: $\pm 0.8\%$ FS	
Resistivity measuring range		0 ~ 100 M $\Omega$ ·cm	
TDS		0 ~ 100g/L	
Salinity		0 ~ 100 ppt	
Temp measuring range		(0 ~ 100) $^{\circ}$ C	
Temp resolution		0.1 $^{\circ}$ C	
Temp accuracy		$\pm 0.5$ $^{\circ}$ C	
Data storage		150 sets	
Communication interfaces		USB, Bluetooth	
Working conditions		Temperature: 5 ~ 40 $^{\circ}$ Humidity: 5 ~ 85%	
Power		12V/1A	
Size & Weight		240 x 170 x 70mm/600g	

## Standard Configuration

- 1.S-611 benchtop conductivity meter
- 2.Conductivity electrode (subject to different models)
3. Rotary electrode holder
- 4.12V power adapter
5. USB with user manual