

## EC600L Conductivity Meter



### GENERAL FEATURES

- Color High contrast LCD touchscreen, 7.0 inches.
- Intelligent operation system provides features including user management, calibration management, method management, data management and etc.
- Multi-reading feature allows auto-read, timed-read and continuous-read.
- Automatic/Manual temperature compensation ensures accurate results.
- Data Storage 1000 sets for each parameter (GLP-compliant).
- Data analysis feature helps user review, compare and recalculate results.
- Support for USB or RS-232 communication.
- Reset feature automatically resumes all settings back to factory default options.
- IP54 waterproof.
- 1-5 points calibration with Standard Recognition.
- Settable parameters, including cell constant, reference temperature (5/10/15/18/20/25°C), temperature compensation coefficient and TDS factor.
- Temperature compensation type (none, linear, pure water).

Model	EC600L	
Parameters	EC/Temp.(Resistivity/TDS/Sal.)	
Conductivity	Range	0.000 $\mu$ S/cm to 3000 mS/cm
	Resolution	0.001 $\mu$ S/cm minimum, various with range selection
	Accuracy	$\pm$ 0.5% FS
	Reference Temperature	5, 10, 15, 18, 20, 25 °C
	Calibration Points	Up to 5
	Standard Recognition	146.5 $\mu$ S/cm, 1408 $\mu$ S/cm, 12.85mS/cm, 111.3mS/cm
Resistivity	Range	5.00 $\Omega \cdot$ cm~100.00 M $\Omega \cdot$ cm
	Resolution	0.01 $\Omega \cdot$ cm minimum
	Accuracy	$\pm$ 0.5% FS
TDS	Range	0.000 mg/L~1000 g/L
	Resolution	0.001ppm minimum, changed with range
	Accuracy	$\pm$ 0.5%FS
Salinity	Type	NaCl%
	Range	(0.00~8.00)%
	Resolution	0.01%
	Accuracy	$\pm$ 0.1%
Temperature	Range	-5 to 130 °C
	Unit	°C
	Resolution	0.1
	Accuracy	$\pm$ 0.1
Measurement	Reading Mode	Auto Read (Fast, Medium, Slow), Timed, Continuous
	Reading Prompts	Reading, Stable, Locked
	Temp. Compensation	ATC, MTC
Data management	Data Storage	1000 Groups
	GLP Features	Yes
	Log Management	Yes
Inputs	Temp. Probe	6-pin Mini-DIN
	Conductivity Probe	8-pin Mini-DIN
Outputs	USB, RS 232	USB 2.0 flash memory device, printer, PC
Display options	Backlight	Yes
	Auto Shutdown	1~60 min, off
	IP Rating	IP54
	Date and Time	Yes
General	Power	AC Adapter, 100-240V AC input, DC24V output
	Dimensions	280 × 280 × 130 mm
	Weight	2500g (5.51 lb)