

## EC600L Conductivity Meter

### 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).

### Includes

- ◆ DJS-1-L EC electrode
- ◆ T-818-L Temperature probe
- ◆ 1413 $\mu$ S/cm EC standard solution, 50ml, 1 vial
- ◆ REX-3 electrode stand
- ◆ Touch pen



### Specifications

<b>Model</b>	<b>EC600L</b>	
<b>Parameters</b>	<b>EC/Temp.(Resistivity/TDS/Sal.)</b>	
<b>Conductivity</b>	<b>Range</b>	<b>0.000 <math>\mu</math>S/cm to 3000 mS/cm</b>
	<b>Resolution</b>	<b>0.001 <math>\mu</math>S/cm minimum, various with range selection</b>
	<b>Accuracy</b>	<b><math>\pm 0.5\%</math> FS</b>
	<b>Reference Temperature</b>	<b>5, 10, 15, 18, 20, 25 °C</b>
	<b>Calibration Points</b>	<b>Up to 5</b>
	<b>Standard Recognition</b>	<b>146.5<math>\mu</math>S/cm, 1408<math>\mu</math>S/cm, 12.85mS/cm, 111.3mS/cm</b>
<b>Resistivity</b>	<b>Range</b>	<b>5.00 <math>\Omega</math>·cm~100.0 M<math>\Omega</math>·cm</b>
	<b>Resolution</b>	<b>0.01 <math>\Omega</math>·cm minimum</b>
	<b>Accuracy</b>	<b><math>\pm 0.5\%</math> FS</b>
<b>TDS</b>	<b>Range</b>	<b>0.000 mg/L~1000 g/L</b>
	<b>Resolution</b>	<b>0.001ppm minimum, changed with range</b>
	<b>Accuracy</b>	<b><math>\pm 0.5\%</math> FS</b>

<b>Salinity</b>	<b>Type</b>	<b>NaCl</b>
	<b>Range</b>	<b>(0.00~8.00)%</b>
	<b>Resolution</b>	<b>0.01%</b>
	<b>Accuracy</b>	<b>±0.1%</b>
<b>Temperature</b>	<b>Range</b>	<b>-5 to 130 °C</b>
	<b>Unit</b>	<b>°C</b>
	<b>Resolution</b>	<b>0.1°C</b>
	<b>Accuracy</b>	<b>±0.1°C</b>
<b>Measurement</b>	<b>Reading Mode</b>	<b>Auto Read (Fast, Medium, Slow), Timed, Continuous</b>
	<b>Reading Prompts</b>	<b>Reading, Stable, Locked</b>
	<b>Temp. Compensation</b>	<b>ATC, MTC</b>
<b>Data management</b>	<b>Data Storage</b>	<b>1000 Groups</b>
	<b>GLP Features</b>	<b>Yes</b>
	<b>Log Management</b>	<b>Yes</b>
<b>Inputs</b>	<b>Temp. Probe</b>	<b>6-pin Mini-DIN</b>
	<b>Conductivity Probe</b>	<b>8-pin Mini-DIN</b>
<b>Outputs</b>	<b>USB, RS 232</b>	<b>USB 2.0 flash memory device, printer, PC</b>
<b>Display options</b>	<b>Backlight</b>	<b>Yes</b>
	<b>Auto Shutdown</b>	<b>1~60 min, off</b>
	<b>IP Rating</b>	<b>IP54</b>
	<b>Date and Time</b>	<b>Yes</b>
<b>General</b>	<b>Power</b>	<b>AC Adapter, 100-240V AC input, DC24V output</b>
	<b>Dimensions</b>	<b>280x280x130 mm</b>
	<b>Weight</b>	<b>2500g (5.51 lb)</b>
	<b>Dimensions (Carton)</b>	<b>370x305x330 mm</b>
	<b>Weight (Gross)</b>	<b>4 kg</b>