EC510T Conductivity Meter

Features

● Color High contrast LCD touchscreen, 4.3 inches.

Intelligent operation system provides features including user management, calibration management, electrode management, method management, data management, Log Management and etc.

● Multi-reading feature allows auto-read, timed-read and continuous-read.

● Automatic/Manual temperature compensation ensures accurate results.

● Auto-hold feature senses and locks the measurement endpoint.

● Data Storage 1000 sets for each parameter (GLP-compliant).

● Data analysis feature helps user review, compare and recalculate results.

● 1P65 waterproof. The portable meter is suitable for fields measurements and out door measurements

● Support for USB communication.

● Auto-power off feature effectively extends the battery service life.

● Reset feature automatically resumes all settings back to factory default options.

● 1-5 points calibration automatically recognizes the standard solutions.

● Settable parameters, including cell constant, reference temperature (5/10/15/18/20/25°C), temperature compensation coefficient and TDS factor.

Includes

◆ DJS-1VTC EC electrode

◆ 1413μS/cm EC standard solution, 50ml, 1 vial

◆ Electrode holder

◆ Silicone rubber case

◆ Wristbands

◆ Touch pen

◆ Carrying case

Specifications

Model		EC510T
Parameters		EC/Resistivity/TDS /Sal./Temp.
Conductivity	Range	0.000 μS/cm to 3000 mS/cm
	Resolution	0.001 μS/cm minimum, various with range selection
	Accuracy	±0.5% FS
	Reference Temperature	5, 10, 15, 18, 20, 25 °C
	Calibration Points	Up to 5
	Calibration Reminder	Yes
	Standard Recognition	10μS/cm, 84μS/cm, 500μS/cm, 1413μS/cm, 12.88mS/cm; 146.5μS/cm, 1408μS/cm, 12.85mS/cm, 111.3mS/cm
Resistivity	Range	5.00 Ω·cm~100.0 MΩ·cm
	Resolution	0.01 Ω·cm minimum
	Accuracy	±0.5% FS

TDS	Range	0.000ppm~1000ppt
	Resolution	0.001mg/L minimum, changed with range
	Accuracy	±0.5% FS
Salinity	Range	0.0 80.0 ppt
	Resolution	0.1ppt
	Accuracy	±1ppt
Temperature	Range	-10 to 135 °C, 14 to 275 °F
	Unit	°C, °F
	Resolution	0.1
	Accuracy	±0.1°C
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
Inputs	Conductivity with Temp. Probe	5-pin aviation connector
Outputs	USB	USB 2.0 flash memory device, PC, scanner
Display options	Backlight	Yes
	Auto Shutdown	300, 600, 1200, 1800, 3600 sec., off
	IP Rating	IP65
	Date and Time	Yes
General	Power	Rechargeable Lithium battery, AC Adapter, 100-240V AC input, DC5V output
	Dimensions	90x255x40 mm
	Weight	500g (1.1 lb)
	Dimensions (Carton)	410x330x165 mm
	Weight (Gross)	5.5 kg