EC500T 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		EC500T
Parameters		EC/Temp.(Resistivity/TDS/Sal.)
Conductivity	Range	0.000 μ S/cm to 2000 mS/cm
	Resolution	0.001 μ S/cm minimum, various with range selection
	Accuracy	± 0.5% FS
	Reference Temperature	5, 10, 15, 18, 20, 25 ºC
	Calibration Points	Up to 5
	Calibration Reminder	Yes
	Standard Recognition	10 μ S/cm, 84 μ S/cm, 500 μ S/cm, 1413 μ S/cm, 12.88 mS/cm
Resistivity	Range	5.00 Ω ·cm~100.00 M Ω ·cm
	Resolution	0.01 Ω ·cm minimum
	Accuracy	± 0.5% FS
TDS	Range	0.000~1000 ppt
	Resolution	0.001 ppm minimum, changed with range
	Accuracy	± 0.5%FS
Salinity	Type	NaCl%
	Range	(0.00~8.00)%
	Resolution	0.01%
	Accuracy	± 0.1%
Temperature	Range	-10 to 135 ºC, 14 to 275 ºF
	Unit	ºC, ºF
	Resolution	0.1
	Accuracy	± 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	Conductivity with Temp. Probe	5-pin aviation connector
Outputs	USB	USB 2.0 flash memory device, PC
	RS 232	printer, scanner, auto-sampler
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	220 × 195 × 68 mm
	Weight	950g (2.09 lb)