General Features

- LCD display screen, 3.5 inches
- 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 capacity of up to 500 sets for each parameter (GLP-compliant)
- 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
- IP65 waterproof. The portable meter is suitable for fields measurements and out door measurements
- 1-3 points calibration with Standard Recognition
- Settable parameters, including cell constant, temperature compensation coefficient, and TDS factor
- Temperature compensation type (none, linear, pure water)



EC310F Conductivity Meter

Technical Parameters

Model		EC310F
Parameters		EC/Temp.(Resistivity/TDS/Sal.)
Conductivity	Range	0.000 p S/cm to 500 mS/cm
	Resolution	0.001 u S/cm minimum,various with range selection
	Accuracy	±1.0%FS
	Reference Temperature	20,25°C
	Calibration Points	Up to 3
	Standard Recognition	84 μ pS/cm, 1413 μ S/cm, 12.88mS/cm
Resistivity	Range	5.00 Ω 22.cm~20.00 M Ω .cm
	Resolution	0.01 Ω .cm minimum
	Accuracy	±1.0% FS
TDS	Range	0.00ppm~300ppt
	Resolution	0.01ppm minimum, various with range selection
Salinity	Accuracy	1.0%FS
	Range	0.0~ 80.0 ppt
	Resolution	0.1ppt
	Accuracy	±2ppt
Temperature	Range	-5 to 110°C, 23to 230°F
	Unit	°C,°F
	Resolution	0.1
	Relative Accuracy	±0.2
Measurement	Reading Mode	Auto Read (Fast, Medium, Slow), Timed, Continuous
	Reading Prompts	Reading, Stable, Locked
	Temp.Compensation	ATC, MTC
Data management	Data Storage	500 results each
	GLP Features	Yes
Inputs	Conductivity with Temp. Probe	5-pin aviation connector
Outputs	USB	PC, printer
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	80x225x35mm
	Weight	400g(0.88lb)