

BENCHTOP CONDUCTIVITY METER KIT

REF: EC910

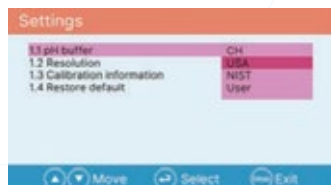
- GLP data management with measurement data, time, calibration info, and USB data output
- Multi-language operating system (English, Chinese, German, and Spanish)
- Automatic calibration, automatic temperature compensation, self-diagnosis.



TFT Display



Measurement Mode



Parameter setting Mode



ORP pH/
mV

Cond 2
pole

Temp

Do

9Vd.c



a. Connect to use



b. Separate to use

Conductivity Features

- The 2301T-F BPB (brush-resistant platinum black) conductivity/temp. electrode provides accurate conductivity measurement from 0 to 200mS/cm
- Single tap to switch from conductivity to TDS and salinity
- 1 to 4 points automatic calibration with calibration instruction and self-diagnosis
- Automatically recognizes conductivity standard solution (84μS/cm, 1413μS/cm, 12.88mS/cm, 111.8mS/cm).
- Standard BNC conductivity connector, RCA connector for a temperature probe, NTC 30KΩ thermistor

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Technical Specifications

Parameters		Description
Conductivity	Range	0 to 200.0 mS/cm
	Resolution	0.1/1 μ S, 0.01/0.1mS
	Accuracy	$\pm 1\%$ FS
	Electrode constant	0.1/1.0/10.0 cm ⁻¹
	Temp. compensation	0 to 50°C (32 to 212°F), automatic or manual
	Reference temperature	15 to 30°C
	Temp. compensation coefficient	0 to 10.00%/°C
	Calibration	1 to 4 points automatic
	Calibration standard	USA/CH
	Calibration reminder	No
	Calibration data checking	Yes
	Reading alarm	No
TDS	Range	0.1mg/l to 100 g/l
	TDS coefficient	0.40 to 1.00
Salinity	Range	0 to 100 ppt
Resistivity	Range	No
Temp.	Range	0 to 100.0°C
	Resolution	0.1°C; 0.1/1°F
	Accuracy	$\pm 0.5^\circ\text{C}$
Others	Automatic hold	Yes
	Date and time	Yes
	Data storage	100 sets
	Auto. timing data logger	Yes
	Self diagnosis information	Yes
	USB output	Yes
	Input ID for sample, electrode, and operator	No
	Calibration password protection	No
	Supports GLP printer	No
	Virtual keyboard	No
	Electrode holder	602 flexible holder
	IP Rating	IP54 splash-proof and dust-proof
	Power	Input: 120V AC 60Hz; Output: DC9V/600mA, 2.7VA
	Dimension and Weight	Meter: (200×220×100) mm / 0.9kg
	Electrode	BNC for conductivity; RCA for temperature
	Storage Content	Number, measuring value and temperature value
	What's in the box?	EC910 Meter, 2301T-F conductivity/temp. electrode, 9V power adapter, flexible electrode holder, 50ml of conductivity standards (84 μ S, 1413 μ S, 12.88mS), instruction manual