

ECscan10 Pocket Conductivity Tester

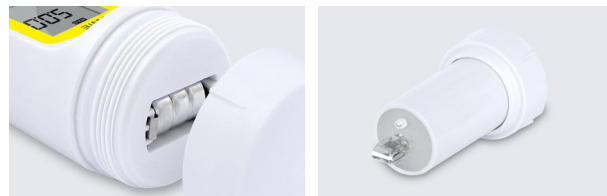


FEATURES

- Single range conductivity tester is equipped with a platinum electrode.
- 1 point push-button calibration allows using the custom calibration solutions.
- Automatic Temperature Compensation ensures the accurate measuring results.
- Hold function freezes reading momentarily for easy viewing.
- Auto-Power Off effectively conserves battery life.
- Replaceable electrode module reduces the maintenance and replacement costs.
- Waterproof feature to ensure complete protection in harsh environments.

APPLICATIONS

- ECscan10L tester: suitable for measuring the low conductivity liquids.
- ECscan10M tester: suitable for general applications.
- ECscan10H tester: suitable for measuring the high conductivity liquids.



METER INCLUDES

Conductivity standard solution (146.5 μ S/cm, 1413 μ S/cm, 12.88mS/cm), plastic box or carrying case.

SPECIFICATION

	Model	ECscan10L	ECscan10M	ECscan10H
Conductivity	Measuring Range	1.0~199.9 μ S/cm	10~1999 μ S/cm	0.1~19.99mS/cm
	Accuracy	$\pm 1\%$ F.S	$\pm 1\%$ F.S	$\pm 1\%$ F.S
	Resolution	0.1 μ S/cm	1 μ S/cm	0.01mS/cm
	Calibration Points	1 point	1 point	1 point
	Calibration Solutions	146.5 μ S/cm	1413 μ S/cm	12.88mS/cm
	Temperature Compensation	0~50 $^{\circ}$ C	0~50 $^{\circ}$ C	0~50 $^{\circ}$ C
	Temperature Coefficient	2%/ $^{\circ}$ C	2%/ $^{\circ}$ C	2%/ $^{\circ}$ C
	Reference Temperature	25 $^{\circ}$ C	25 $^{\circ}$ C	25 $^{\circ}$ C
	Cell Constant	K=1, platinum conductivity cell	K=1, platinum conductivity cell	K=1, platinum conductivity cell
	Hold Function	Manual	Manual	Manual
	Display	Single-display LCD	Single-display LCD	Single-display LCD
	Power Requirements	3 \times 1.5V G13A batteries	3 \times 1.5V G13A batteries	3 \times 1.5V G13A batteries
	Dimensions	185(L) \times 40(Dia.)mm	185(L) \times 40(Dia.)mm	185(L) \times 40(Dia.)mm
Weight	100g	100g	100g	

ECscan20/30/40 Pocket Conductivity Tester



MEASUREMENT PARAMETERS

- ECscan20 tester: Conductivity.
- ECscan30 tester: Conductivity, Total Dissolved Solids.
- ECscan40 tester: Conductivity, Total Dissolved Solids, Salinity.

FEATURES

- Multi-range conductivity tester is equipped with a platinum electrode.
- 1 to 3 points calibration, automatically recognizes the standard solutions.
- Automatic Temperature Compensation ensures the accurate measuring results.
- Auto-Hold feature senses and locks the measurement endpoint.
- Auto-Power Off effectively conserves battery life.
- Setup menu allows setting the 6 parameters, including the number of calibration points, TDS conversion factor, temperature unit, etc.
- Replaceable electrode module reduces the maintenance and replacement costs.
- Waterproof feature to ensure complete protection in harsh environments.



METER INCLUDES

Conductivity standard solutions (84 μ S/cm, 1413 μ S/cm, 12.88mS/cm), plastic box or carrying case.

SPECIFICATION

	Model		ECscan20	ECscan30	ECscan40
Conductivity	Measuring Range	0~20.00, 200.0, 2000 μ S/cm, 20.00mS/cm	•	•	•
	Accuracy	$\pm 1\%$ F.S	•	•	•
	Resolution	0.01, 0.1, 1	•	•	•
TDS	Measuring Range	0~10.00, 100.0, 1000ppm, 10.00ppt (Max. 20ppt)	—	•	•
	Accuracy	$\pm 1\%$ F.S	—	•	•
	TDS Factor	0.1~1.0 (Default 0.5)	—	•	•
Salinity	Measuring Range	0~10.00ppt	—	—	•
	Accuracy	$\pm 1\%$ F.S	—	—	•
	Resolution	0.01, 0.1, 1	—	—	•
General	Calibration Points	1~3 points (84 μ S/cm, 1413 μ S/cm, 12.88mS/cm)	•	•	•
	Temperature Compensation	0~60°C, Automatic	•	•	•
	Cell Constant	K=1, platinum conductivity cell	•	•	•
	Power Requirements	2 \times 1.5V AAA batteries	•	•	•
	Dimensions and Weight	185(L) \times 40(Dia.)mm, 100g	•	•	•