

ECscan10L/M/H Pocket Conductivity Tester (Single-Range)



ECscan series single-range conductivity tester includes models 10L, 10M and 10H for measurement of electrical conductivity of liquid. These testers are designed for outdoor applications, especially water treatment and environmental monitoring.

APPLICATIONS:

- ECscan10L: Suitable for measuring low concentration liquids, e.g., pure water.
- ECscan10M: Suitable for measuring mid concentration liquids, e.g., tap water.
- ECscan10H: Suitable for measuring high concentration liquids, e.g., salt water.

FEATURES:

- Standard platinum sensor provides fast and reliable conductivity measurements.
- Single point calibration allows user to use customized calibration solution.
- Automatic Temperature Compensation ensures high accuracy of measurements.
- Hold function freezes the current displayed value for easy viewing and recording.
- Auto-power off feature helps you effectively conserve battery life.
- Replaceable electrode reduces maintenance and replacement costs.
- Waterproof feature to ensure complete protection in harsh environments.

METER INCLUDES:

- Conductivity Calibration Solution (146µS/cm, 1413µS/cm, 12.88mS/cm)
- Batteries and Carrying Case



SPECIFICATIONS:

	ECscan10L	ECscan10M	ECscan10H
Conductivity Range	1.0~199.9µS/cm	10~1999µS/cm	0.1~19.99mS/cm
Conductivity Accuracy	±1% Full Scale	±1% Full Scale	±1% Full Scale
Calibration Points	1 point, Manual	1 point, Manual	1 point, Manual
Calibration Solutions	146.5µS/cm	1413µS/cm	12.88mS/cm
Temperature Range	—	—	—
Temperature Accuracy	—	—	—
Temperature Compensation	0~50°C, Automatic	—	—
Temperature Coefficient	2% per °C	—	—
Cell Constant	K=1	—	—
Normalization Temperature	25°C	—	—
Sensor Type	Platinum	—	—
Connector	6-pin	—	—
Power Requirement	3×1.5V "G13A" Batteries	—	—
Auto-Off	After 8 minutes from last key press	—	—
Dimensions	185(L)×40(Dia.)mm	—	—
Weight	100 grams	—	—

ECscan20/30/40 Pocket Conductivity/°C/°F Tester (Multi-Range) NEW



ECscan series multi-range conductivity tester includes models 20, 30 and 40 for the measurement of electrical conductivity, TDS and salinity of liquids.

FEATURES:

- Standard platinum sensor provides fast and reliable conductivity measurements.
- Multi-point push-button calibration allows user to use customized calibration solutions (Up to 3 points, Default 84uS/cm, 1413uS/cm and 12.88mS/cm).
- Adjustable TDS conversion factors and temperature units (°C or °F).
- Automatic Temperature Compensation ensures high accuracy of measurements.
- Hold function freezes the current displayed value for easy viewing and recording.
- Setup menu lets user customize the calibration points, TDS conversion factors, temperature units to meet measurement requirements.
- Reset feature allows user to resume all of the default settings.
- Auto-power off feature helps you effectively conserve battery life.
- Replaceable electrode reduces maintenance and replacement costs.
- Waterproof feature to ensure complete protection in harsh environments.

MEASUREMENT MODES FOR EACH MODEL:

- ECscan20 Tester: Conductivity
- ECscan30 Tester: Conductivity and TDS
- ECscan40 Tester: Conductivity, TDS and Salinity

METER INCLUDES:

- Conductivity Calibration Solutions (146uS/cm, 1413uS/cm and 12.88mS/cm)
- Batteries and Carrying Case



SPECIFICATIONS:

	ECscan20	ECscan30	ECscan40
Conductivity Range and Accuracy	0.00~20.00mS/cm, ± 1% Full Scale		
TDS Range and Accuracy	—	0~10ppt (Max. 20ppt, Depending on factor setting), ± 1% Full Scale	
TDS Factor	—	0.1~1.0 (Default 0.5)	
Salinity Range and Accuracy	—	—	0~10ppt, ± 1% Full Scale
Temperature Range and Accuracy	0.0~60.0°C, 32~140°F, ± 1°C		
Calibration Points	Up to 3 points, Automatic or Manual		
Calibration Solutions	84uS/cm, 1413uS/cm, 12.88mS/cm or User-defined		
Temperature Compensation	0~60°C, 32~140°F		
Temperature Coefficient	2% per °C		
Normalization Temperature	25°C		
Sensor Type	Platinum		
Connector	6-pin		
Power Requirement	2 × 1.5V "AAA" Batteries		
Auto-Off	After 8 minutes from last key press		
Dimensions	185(L) × 40(Dia.)mm		
Weight	100 grams		