

# ECscan10 Pocket Conductivity Tester



## Features:

- Single range conductivity tester is equipped with a platinum sensor.
- 1 point push-button calibration allows using the custom calibration solutions.
- Automatic Temperature Compensation provides accurate reading over the entire range.
- Hold function freezes current measured value for easy viewing and recording.
- Auto-Power Off helps user effectively conserve battery life.
- Replaceable electrode module reduces maintenance and replacement cost.
- Waterproof feature to ensure complete protection in harsh environments.



## Applications:

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

## Meter Includes:

Conductivity standard solution (146.5 $\mu$ S/cm, 1413 $\mu$ S/cm, 12.88mS/cm), batteries, plastic box or carrying case.

## Specifications:

Model	ECscan10L	ECscan10M	ECscan10H
Conductivity Range	1.0~199.9 $\mu$ S/cm	10~1999 $\mu$ S/cm	0.1~19.99mS/cm
Conductivity Accuracy	$\pm 1\%$ F.S	$\pm 1\%$ F.S	$\pm 1\%$ F.S
Resolution	0.1 $\mu$ S/cm	1 $\mu$ S/cm	0.01mS/cm
Calibration Points	1 point	1 point	1 point
Calibration Solutions	146.5 $\mu$ S/cm	1413 $\mu$ S/cm	12.88mS/cm
Temperature Compensation	0~50°C, Automatic	0~50°C, Automatic	0~50°C, Automatic
Temperature Coefficient	2%/°C	2%/°C	2%/°C
Cell Constant	K=1	K=1	K=1
Normalization Temperature	25°C	25°C	25°C
Hold Function	Manual	Manual	Manual
Power Off	Manual or Automatic	Manual or Automatic	Manual or Automatic
Sensor Type	Platinum	Platinum	Platinum
Connector	6-pin	6-pin	6-pin
Power Requirements	3×1.5V "G13A" batteries	3×1.5V "G13A" batteries	3×1.5V "G13A" batteries
Dimensions	185(L)×40(Dia.)mm	185(L)×40(Dia.)mm	185(L)×40(Dia.)mm
Weight	100g	100g	100g

# ECscan20/30/40 Pocket Conductivity Tester



## Features:

- Multi-range conductivity tester contains TDS and salinity measurement modes.
- Standard platinum sensor provides the fast and reliable measuring result.
- 1 to 3 points calibration with automatic calibration solution recognition.
- Selectable TDS conversion factor for different measurement requirements.
- Automatic Temperature Compensation ensures accurate measured values over the entire range.
- Auto-Hold function freezes stable reading for easy viewing and recording.
- Auto-Power Off helps user effectively conserve battery life.



- System menu allows setting the 6 parameters, including the temperature unit, number of calibration points, auto-power off, etc.
- Reset feature automatically resumes all settings back to factory default options.
- Waterproof feature to ensure complete protection in harsh environments.

## Applications:

- ECscan20: suitable for measuring the conductivity.
- ECscan30: suitable for measuring the conductivity and TDS.
- ECscan40: suitable for measuring the conductivity, TDS and salinity.

## Meter Includes:

Conductivity standard solutions (84 $\mu$ S/cm, 1413 $\mu$ S/cm, 12.88mS/cm), batteries and carrying case.

## Specifications:

Model		ECscan20	ECscan30	ECscan40
Conductivity Range	0~20.00, 200.0, 2000 $\mu$ S/cm, 20.00mS/cm	•	•	•
Conductivity Accuracy	$\pm$ 1% F.S	•	•	•
TDS Range	0~10ppt (Max. 20ppt)		•	•
TDS Accuracy	$\pm$ 1% F.S		•	•
Salinity Range	0~10ppt			•
Salinity Accuracy	$\pm$ 1% F.S			•
Calibration Points	1~3 points	•	•	•
Calibration Solutions	84 $\mu$ S/cm, 1413 $\mu$ S/cm, 12.88mS/cm	•	•	•
Temperature Compensation	0~60 $^{\circ}$ C, 32~140 $^{\circ}$ F, Automatic	•	•	•
Temperature Coefficient	2%/ $^{\circ}$ C	•	•	•
Normalization Temperature	25 $^{\circ}$ C	•	•	•
Sensor Type	Platinum	•	•	•
Connector	6-pin	•	•	•
Power Requirements	2 $\times$ 1.5V "AAA" batteries	•	•	•
Dimensions	185(L) $\times$ 40(Dia.)mm	•	•	•
Weight	100g	•	•	•