

SciQuip Pocket Water Quality Meters



Basic Pocket pH Meter

The SciQuip Basic Pocket pH tester is supplied with the standard circular glass bulb electrode for accurate measurement of non-viscous, non-high temperature liquids such as tap water and rain water. With an extra tough carry case as standard, the pH meter is also supplied with buffers and batteries.

Optional accessories include a flat electrode suitable for testing semisolid substances such as meats, fruits, bread and creams and a long electrode ideal for testing liquids in test tubes.

- 2 points push-button calibration with auto-buffer recognition.
- 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.
- Supplied with moulded hard carry case.



Technical Specification

pH Range	0.0~14.0pH
pH Accuracy	±0.1
Sensor Type	Standard electrode
Calibration Points	2 Points
Calibration Solutions	USA (pH4.01, 7.00, 10.01)
Hold Function	Manual
Connector	6 Pin
Power Requirements	3×1.5V "G13A" Batteries
Dimensions	185(L)×40(Dia.)mm
Weight	100g



Ordering Information

SQ-7001	SciQuip Basic Pocket pH Tester including pH Buffer Solutions, SHORT PROBE, Batteries and Carry Case
SQ-7011	SciQuip Basic Pocket pH Tester including pH Buffer Solutions, LONG PROBE, Batteries and Carry Case
SQ-7004	Replacement Short Electrode
SQ-7009	Flat Electrode
SQ-7014	Long Electrode

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Advanced Pocket pH Meter

The SciQuip Advanced Pocket pH tester has a long probe making it ideal for measuring samples in test tubes. It is supplied with the standard circular glass bulb electrode for accurate measurement of non-viscous, non-high temperature liquids such as tap water, swimming pools and aquariums. With an extra tough carry case as standard, the pH meter is also supplied with buffers and batteries. Optional accessories include a flat electrode suitable for testing semisolid substances such as meats, fruits, bread and creams and a long electrode ideal for testing liquids in test tubes.

- 1 to 3 points push-button calibration with auto-buffer recognition.
- Selectable NIST or USA pH buffer standards.
- Automatic temperature compensation ensures accurate measured value.
- Auto-Hold function freezes stable reading for easy viewing and recording.
- Battery indicator shows the remaining battery capacity.
- Auto-Power Off helps user effectively conserve battery life.
- System menu allows setting the 4 parameters, including the pH buffer standard, calibration points, temperature units, hold function, auto-power off, etc.
- Reset feature automatically resumes all settings back to factory default options.
- Supplied with moulded hard carry case.



Technical Specification

pH Range	-1.00~15.00pH
pH Accuracy	±0.01
Temperature Range	0~60°C
Calibration Points	up to 3 Points
Calibration Solutions	USA (pH4.01, 7.00, 10.01) or NIST (pH4.01, 6.86, 9.18)
Temperature Compensation	0~60°C, Automatic
Hold Function	Manual or automatic
Connector	6 Pin
Power Requirements	2×1.5V "AAA" Batteries
Dimensions	185(L)×40(Dia.)mm
Weight	100g

Ordering Information

SQ-7003	SciQuip Advanced Pocket pH Tester including pH Buffer Solutions, SHORT PROBE , Batteries and Carry Case
SQ-7013	SciQuip Advanced Pocket pH Tester including pH Buffer Solutions, LONG PROBE , Batteries and Carry Case
SQ-7005	Replacement Short Electrode
SQ-7010	Flat Electrode
SQ-7015	Long Electrode



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Pocket Conductivity Meter

The SciQuip pocket conductivity meter as a $\mu\text{S}/\text{cm}$ range specifically aimed at tap water and waste water, pools and aquariums, aquaculture and hydroponics along with the beverage and other industrial applications. With an extra tough carry case as standard, the conductivity meter is also supplied with calibration solution and batteries.

- Mid range pocket conductivity tester is equipped with a standard platinum sensor.
- 1 point push-button calibration allowing the use of custom calibration solutions.
- Automatic temperature compensation provides accurate reading over the entire range.
- Hold function freezes current reading for easy viewing and recording.
- Auto-Power Off helps conserve battery life.
- Replaceable electrode module reduces maintenance and replacement cost.
- Waterproof to ensure complete protection in harsh environment.
- Supplied with moulded hard carry case.



Technical Specification

Range	10~1999 $\mu\text{S}/\text{cm}$
Accuracy	$\pm 1\%$ F.S
Calibration Points	1 Point
Calibration Solutions	1413 $\mu\text{S}/\text{cm}$
Temperature Compensation	0~50°C
Temperature Coefficient	2% / °C
Cell Constant	K=1
Normalization Temperature	25°C
Hold Function	Manual
Power Off	Manual or Automatic (8 minutes after last key pressed)
Dimensions	185(L)×40(Dia.)mm
Weight	100g

Ordering Information

SQ-7022	SciQuip EC Meter – Pocket Conductivity Tester including Calibration Solutions, Batteries and Carry Case
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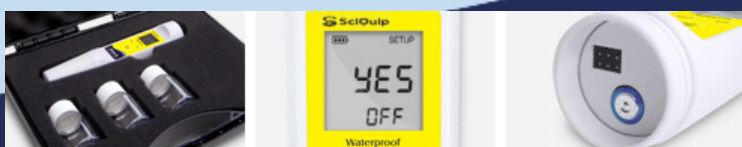
Pocket EC/TDS/°C Meter

- Multi-parameter pocket conductivity tester contains TDS measurement mode.
- Standard platinum sensor provides fast and reliable measuring results.
- Adjustable TDS conversion factors for different measurement requirements.
- 1 to 3 points push-button calibration with automatic calibration solution recognition.
- Automatic temperature compensation provides accurate reading over entire range.
- Auto-Hold function freezes stable reading for easy viewing and recording.
- Battery indicator shows the remaining battery capacity.
- Auto-Power Off helps user effectively conserve battery life.
- System menu containing 6 parameters, including the number of calibration points, TDS factor, temperature units, hold function, etc.
- Reset feature automatically puts all parameters back to factory default options.
- Replaceable electrode module reduces maintenance and replacement cost.
- Waterproof feature to ensure complete protection in harsh environments.



Technical Specification

ORDER NUMBER	SQ-7022 - SciQuip EC Meter – Pocket Conductivity Tester including Calibration Solutions, Batteries and Carry Case
Conductivity	
Range	0~20.00, 200.0, 2000μS/cm, 20.00mS/cm
Accuracy	±1% F.S
Resolution	0.01, 0.1, 1
Calibration Points	1 to 3 points
Calibration Solutions	10μS/cm, 84μS/cm, 1413μS/cm, 12.88mS/cm
TDS	
Range	0~10ppt (Max. 20ppt, depending on factor setting)
Accuracy	±1% F.S
TDS Factor	0.1~1.0 (Default 0.5)
Temperature	
Range	0~60°C, 32~140°F
Accuracy	±1°C
Resolution	0.1°C, 0.1°F
Calibration Points	1 point
Calibration Range	Measured value ±10°C
General Spec	
Temperature Compensation	0~60°C, 32~140°F
Temperature Coefficient	2%/°C
Cell Constant	K=1
Normalization Temperature	25°C
Hold Function	Manual or Automatic
Power Off	Manual or Automatic (8 minutes after last key pressed)
Reset Function	Yes
Sensor Type	Order Code: ECSCAN-C1-10K
Power Requirements	2×1.5V “AAA” Batteries
Battery Life	Approximately 200 hours
Dimensions	185(L)×40(Dia.)mm 100g



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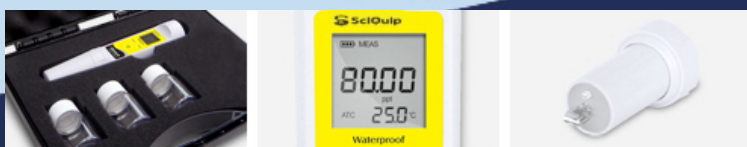
Pocket Salinity/EC/°C Meter

- High concentration pocket salinity tester including conductivity meter.
- Standard platinum sensor provides fast and reliable measuring results.
- 1 to 3 points push-button calibration with automatic calibration solution recognition.
- Automatic temperature compensation provides accurate reading over the entire range.
- Auto-Hold function freezes stable reading for easy viewing and recording.
- Battery indicator shows the remaining battery capacity.
- Auto-Power Off helps conserve battery life.
- System menu controls 5 parameters, including the number of calibration points, temperature units, hold function, etc.
- Reset feature automatically puts all parameters back to factory default options.
- Replaceable electrode module reduces maintenance and replacement cost.
- Waterproof for complete protection in harsh environments.



Technical Specification

ORDER NUMBER	SQ-7031 - SciQuip Pocket Salinity & Conductivity Meter including Calibration Solutions, Batteries and Carry Case
Salinity	
Range	0.00~80.00ppt
Accuracy	±1% F.S
Resolution	0.01ppt
Conductivity	
Range	100~2000µS/cm, 2.00~20.00mS/cm, 20.00~200.0mS/cm
Accuracy	±1% F.S
Resolution	0.01, 0.1, 1
Calibration Points	1 to 3 points
Calibration Solutions	1413µS/cm, 12.88mS/cm, 111.8mS/cm
Temperature	
Range	0~60°C, 32~140°F
Accuracy	±1°C
Resolution	0.1°C, 0.1°F
Calibration Points	1 point
Calibration Range	Measured value ±10°C
General Spec	
Temperature Compensation	0~60°C, 32~140°F
Temperature Coefficient	2%/°C
Cell Constant	K=10
Normalization Temperature	25°C
Hold Function	Manual or Automatic
Power Off	Manual or Automatic (8 minutes after last key pressed)
Reset Function	Yes
Sensor Type	Order Code: ECSCAN-C1-10K
Power Requirements	2×1.5V "AAA" Batteries
Battery Life	Approximately 200 hours
Dimensions	185(L)×40(Dia.)mm 100g



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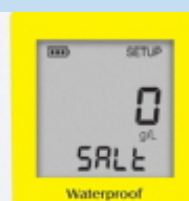
Pocket Dissolved Oxygen Meter

- Easy-to-use pocket dissolved oxygen meter comes with a polarographic sensor.
- 1 or 2 points calibration using air-saturated water and zero oxygen solution.
- Manual salinity and barometric pressure compensation improve the measurement accuracy.
- Automatic Temperature Compensation ensures accurate reading over the entire range.
- Auto-Hold function freezes stable measured value for easy viewing and recording.
- Battery indicator shows the remaining battery capacity.
- Auto-Power Off helps user effectively conserve battery life.
- System menu allows setting the 6 parameters, including the number of calibration points, temperature unit, concentration unit, hold function, etc.
- Reset feature automatically puts all parameters back to factory default options.
- Replaceable electrode module reduces maintenance and replacement cost.
- Waterproof feature to ensure complete protection in harsh environments.



Technical Specification

ORDER NUMBER	SQ-7031 - SciQuip Pocket Salinity & Conductivity Meter including Calibration Solutions, Batteries and Carry Case
Dissolved Oxygen	
Range	0.0~20.0mg/L (or ppm)
Accuracy	±0.5mg/L
Resolution	0.1mg/L
% Saturation of Oxygen	
Range	0.0~200.0%
Accuracy	±10% F.S
Resolution	0.1%
General Spec	
Temperature Compensation	0~40°C, 32~104°F
Barometric Pressure Correction	60.0~112.5kPa, 450~850mmHg
Salinity Correction	0~35g/L
Hold Function	Manual or Automatic
Power Off	Manual or Automatic
Reset Function	Yes
Sensor Type	DO100 Polarographic DO Probe
Connector	6-pin
Power Requirements	2×1.5V "AAA" Batteries
Battery Life	Approximately 150 hours
Dimensions	175(L)×40(Dia.)mm 100g



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