

The SciQuip Portable pH/ORP/°C/°F Tester is a highly accurate pH meter with additional relative and absolute millivolts measurement modes. This high performance pH/ORP meter is ideal for outdoor use. It also includes auto-hold endpoint values, calibration due reminders and automatic electrode diagnosis.

## **pH Mode:**

- ◆ High accuracy portable pH meter is equipped with a large backlit LCD display.
- ◆ 1 to 5 points push-button calibration with auto-buffer recognition.
- ◆ Selectable pH buffer standards (USA/NIST/DIN) or using the custom calibration solutions.
- ◆ Automatic electrode slope display helps you decide whether to replace sensor.
- ◆ Automatic temperature compensation provides accurate reading over the entire pH range.
- ◆ Calibration due reminder prompts user to calibrate the meter regularly.

## **ORP Mode:**

- ◆ Single point offset calibration allows adjusting the displayed value to a known standard.
- ◆ Relative and absolute millivolt measurements provide accurate ORP readings.

## **Other Features:**

- ◆ Stability indicator automatically shows current measurement status.
- ◆ Auto-Hold function freezes stable measured value for easy viewing and recording.
- ◆ Manual temperature calibration improves the measurement accuracy of meter.
- ◆ Selectable temperature unit (°C or °F) meets different application requirements.
- ◆ Automatic electrode diagnosis shows zero point offset and slope of the electrode.
- ◆ Help message as an operational guide that helps you quickly begin using the meter.
- ◆ System menu allows setting the 9 parameters, including the pH buffer standards, calibration points, resolutions, stability conditions, temperature units, etc.
- ◆ Reset feature automatically resumes all parameters back to factory default options.
- ◆ Expanded memory stores and recalls up to 500 readings.
- ◆ Built-in real-time clock stamps stored data to meet GLP standard.
- ◆ Stored data can be transferred into computer by USB communication interface.
- ◆ Multi-mode power scheme (battery, power adapter, computer's USB port) ensures that use the meter smoothly.
- ◆ Supplied with a hard carry case.



## Technical Specification

<b>ORDER NUMBER</b>	<b>SQ-7037 - SciQuip Portable pH/ORP/°C/°F Meter including P11 pH Electrode, Temperature Probe, pH Buffer Solutions (pH4.01/7.00/10.01), Carrying Case and "AA" Batteries</b>
<b>pH</b>	
Range	-2.000~20.000pH
Accuracy	±0.002pH
Resolution	0.1, 0.01, 0.001pH, Selectable
Calibration Points	1 to 5 points
Calibration Solutions	USA, NIST, DIN or User-defined
Temperature Compensation	0~100°C, 32~212°F
Compensation Mode	Manual or Automatic
<b>mV</b>	
Range	-1999.9~1999.9mV
Accuracy	±0.2mV
Resolution	0.1, 1mV, Selectable
Calibration Points	1 point (Only for Relative mV mode)
Calibration Range	±200mV
<b>Temperature</b>	
Range	0~105°C, 32~221°F
Accuracy	±0.5°C, ±0.9°F
Resolution	0.1°C
Calibration Range	Measured value ±10°C
Temperature Units	°C or °F
<b>General Spec</b>	
Hold Function	Manual or Automatic
Stability Conditions	Low or High
Calibration Due	0 to 31 days
Power Off	Manual or Automatic (10, 20, 30 minutes)
Reset Function	Yes
Memory	Stores up to 500 data sets
Output	USB Communication Interface
Connector	BNC
Power Requirements	3×1.5V "AA" Batteries
Battery Life	Approximately 150 hours (Turn off the backlight)
Dimensions	170(L)×85(W)×30(H)mm
Weight	300g

