

The SciQuip Precision benchtop pH meter features a 5 points calibration, automatic temperature compensation with an accuracy of 0.002pH. This compact and highly accurate meter is ideal for water and waste water treatment, research and education, environmental and agricultural monitoring, drinking water and cosmetics analysis etc.

## ***pH Mode:***

High accuracy benchtop 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 shows current measurement status automatically.

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.

## Technical Specification

<b>ORDER NUMBER</b>	SQ-7061 - SciQuip Precision Benchtop pH/mV/ORP/°C/°F Meter including P11 Glass pH Electrode, Temperature Probe, pH Buffer Pouches (pH4.01/7.00/10.01)
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<b>pH</b>	
Range	-2.000~20.000pH
Accuracy	±0.002pH
Resolution	0.1, 0.01, 0.001pH
Calibration Points	1 to 5 points
Calibration Solutions	USA, NIST, DIN Standards
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
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
Display	LCD (130×110mm)
Power Requirements	DC5V, using AC adapters, 220VAC/50Hz
Dimensions	210(L)×188(W)×60(H)mm
Weight	1.5kg