

## pH Mode:

- ◆ Multiparameter benchtop pH meter is equipped with a large backlit LCD display.
- ◆ 1 to 5 points calibration with auto-buffer recognition.
- ◆ Selectable pH buffer standards (USA/NIST/DIN) or using the custom calibration solutions.
- ◆ Automatically calculates and displays electrode slope that helps you decide whether to replace pH electrode.

## ORP Mode:

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

## Ion Mode:

- ◆ 2 to 5 points calibration including the eight concentration calibration points can be selected.
- ◆ Automatically recognize ion selective electrodes, does not need to specify the type of ion.
- ◆ Direct ion concentration readout simplifies the elaborate measurement process.
- ◆ Selectable multiple concentration units for different measurement requirements.

## Other Features:

- ◆ Automatic Temperature Compensation ensures accurate reading over the entire range.
- ◆ Calibration Due Reminder prompts user to calibrate the meter regularly.
- ◆ 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 a operational guide that helps you quickly begin using the meter.
- ◆ System menu allows the setting 10 parameters, including the pH buffer standards, number of calibration points, resolutions, stability conditions, hold function, 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

ORDER NUMBER	SQ-7062 - Benchtop pH/mV/ORP/Ion/°C/°F Meter including: P11 pH Electrode, Temperature Probe, pH Buffer Pouches (pH4.01/7.00/10.01) and Power Adapter
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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>Ion</b>	
Range	0.001~19999ppm, mg/L, mol/L
Accuracy	±0.5% F.S (Monovalent), ±1% F.S (Divalent)
Resolution	0.001, 0.01, 0.1, 1
Calibration Points	2 to 5 points
Calibration Solutions	0.001, 0.01, 0.1, 1, 10, 100, 1000, 10000ppm, mol/L, mg/L
<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