

Portable Precision Oxygen Meter

- ◆ Standard portable dissolved oxygen meter is equipped with a large backlit LCD display.
- ◆ 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.
- ◆ 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 ($^{\circ}\text{C}$ or $^{\circ}\text{F}$) meets different application requirements.
- ◆ Help message as a operational guide that helps you quickly begin using the meter.
- ◆ System menu allows setting the 9 parameters, including the number of calibration points, resolutions, stability conditions, concentration 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.



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Portable Precision Oxygen Meter

Technical Specification

ORDER NUMBER	SQ-7073P - SciQuip Portable Dissolved Oxygen Meter Including Probe, Electrolyte Solution, Batteries and Carry Case
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Dissolved Oxygen Specification	
Range	0.00~20.00mg/L (or ppm)
Accuracy	±0.2mg/L
Resolution	0.01mg/L
Calibration Points	1 or 2 points
Temperature Compensation	0~50°C, 32~122°F, Automatic
Pressure Correction	60.0~112.5kPa, 450~850mmHg
Salinity Correction	0~50g/L
% Saturation of Oxygen Specification	
Range	0.0~200.0%
Accuracy	±2.0%
Resolution	0.1, 1%
General Specification	
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	6-pin Mini Plug
Power Requirements	3×1.5V "AA" Batteries
Battery Life	Approximately 150 hours (Turn off the backlit)
Dimensions	170(L)×85(W)×30(H)mm
Weight	300g



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