

Benchtop Precision Dissolved Oxygen Meter

The SciQuip high accuracy benchtop dissolved oxygen meter features a 1 or 2 points calibration, manual salinity and barometric pressure correction and 9 other optional parameters. This Precision DO2 meter is ideal for aquaculture, water quality, waste water and ground water testing, pond and aquarium monitoring along with general lab research and education.

- High accuracy benchtop 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 an operational guide that helps you quickly begin using the meter.
- System menu allows setting the 9 parameters, including the calibration points, resolutions, stability conditions, temperature units, 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.



Benchtop Precision Dissolved Oxygen Meter

Technical Specification

ORDER NUMBER	SQ-7073 - SciQuip Precision Dissolved Oxygen Meter including DO 100 Polarographic probe, Electrolyte solution & Membrane Cap Kit
--------------	--



Dissolved Oxygen	
Range	0.00~20.00mg/L (or ppm)
Accuracy	±0.2mg/L
Resolution	0.01mg/L
% Saturation of Oxygen	
Range	0.0~200.0%
Accuracy	±2.0%
Resolution	0.1%
General Spec	
Calibration Points	1 or 2 points
Temperature Compensation	0~50°C, 32~122°F
Barometric Pressure Correction	60.0~112.5kPa, 450~850mmHg
Salinity Correction	0~50g/L
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
Sensor Type	Order Code: DO100 Polarographic DO Probe
Power Requirements	DC9V, using AC adapters, 220VAC/50Hz
Dimensions	210(L)×188(W)×60(H)mm
Weight	1.5kg