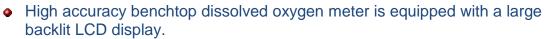


## Benchtop Precision Dissolved Oxygen Meter

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.



 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 (°C or °F) meets different application requirements.

• Help message as an operational guide that helps you guickly 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.







SciQuip Ltd Newtown Wem Shropshire SY4 5NU, UK

Tel: +44 (0)1939 234222
Fax: +44 (0)1939 234221
Email: info@sciquip.co.uk
www.sciquip.co.uk



## 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	
<b>Calibration Points</b>	1 or 2 points
Temperature Compensation	0~50°C, 32~122°F
<b>Barometric Pressure Correction</b>	60.0~112.5kPa, 450~850mmHg
Salinity Correction	0~50g/L
Stability Conditions	Low or High
<b>Calibration Due</b>	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

SciQuip Ltd Newtown Wem Shropshire SY4 5NU, UK

Tel: +44 (0)1939 234222
Fax: +44 (0)1939 234221
Email: info@sciquip.co.uk
www.sciquip.co.uk