

Precision Dissolved Oxygen Meter

- SASTEC Dissolved Oxygen meter is measure amount of gaseous oxygen in a liquids.

Automatic Calibration

- With two points calibration function (zero and 100%). It can recognize calibration solution. If you use calibration solution by mistake, the meter will display ERROR.

Automatic Temperature Compensation

- Automatic temperature compensation guarantees the highest accuracy under varying temperature condition.

Salinity and Barometric Pressure Compensation

- The salt dissolved in solution will limit oxygen content. ST-DO980 can compensates salinity and barometric pressure after manual input co-efficients.

Multi-Measurement Units

- ST-DO980 can set parameter units in dissolved oxygen units: mg/L and ppm; barometric pressure units:kPa and mmHg; temperature units: °C and °F.

Hold Function

- The meter with hold function, press [MEAS/HOLD] key, the meter momentarily freezes reading for easy viewing.

Message Indicator

- ST-DO980 with operational message indicator. When you need setup or measurement, the message indicator will help you what you can do and how to do it. You can set parameter or select functions under it's guide.

Save Data

The meter can save 99 data sets, press [SAVE] key, the meter will store current measured value, serial number, date, time and other information.

Output Data

- The data can be sent to computer through USB link, you can print out test report via software.

What's Included

- DO probe, membrane cap, electrolyte solution, 9V battery.



Specification of Precision Dissolved Oxygen Meter

Model	ST-DO980
Dissolved Oxygen Range	0.00 ~ 20.00 mg/L or ppm
Resolution	0.01mg/L
Dissolved Oxygen Accuracy	± 0.3mg/L
Saturation of Oxygen	0.2 ~ 200.0%
Accuracy	± 5.00%
Temperature Range	0.0 ~ 50.0°C, 32 ~ 122°F
Temperature Accuracy	± 1°C, ± 1.8°F
Temperature Compensation	0.0 ~ 40.0°C, Automatic
Salinity Correction	0 ~ 35g/L, Adjustable
Barometric Pressure Correction	450 ~ 850 mmHg, 60.0 ~ 112.5 kPa
DO Calibration Points	1 or 2 points, 100% in air or 0% in solution
Memory	99 data sets
Output	USB
Power Requirements	9VDC, using AC adapters, 220 VAC, 50Hz
Dimensions (L x W x H) mm	210 x 188 x 60
Weight	4.5kg