

980 Laboratory Dissolved Oxygen Meter



MEASUREMENT PARAMETERS

Dissolved oxygen concentration, % saturation of oxygen

FEATURES

- 1 or 2 points calibration using the air-saturated water or zero oxygen solution.
- Salinity and barometric pressure compensations provide the reliable measuring results.
- Selectable measurement units, including the mg/L, ppm, mmHg and kPa.
- Automatic Temperature Compensation provides accurate reading over the entire range.
- Calibration Due Reminder prompts user to calibrate the meter regularly.
- Stability indicator shows when a measurement is recognized as stable.
- Auto-Hold feature senses and locks the measurement endpoint.
- Setup menu allows setting the 9 parameters, including the number of calibration points, resolution, stability criteria, etc.
- Reset feature automatically resumes all settings back to factory default options.
- Expanded memory stores and recalls up to 100 data sets.
- Stored readings can be transferred into the computer by USB communication interface.

METER INCLUDES

Dissolved oxygen probe, membrane cap, electrolyte solution, electrode holder, power adapter.

SPECIFICATION

Model		980
DO	Measuring Range	0.00~20.00mg/L
	Accuracy	±0.2mg/L
	Resolution	0.01, 0.1mg/L
% Saturation	Measuring Range	0.0~200.0%
	Accuracy	±2.0%
	Resolution	0.1, 1%
General	Calibration Points	1 or 2 points
	Temperature Compensation	0~50°C, 32~122°F, Automatic
	Barometric Pressure Correction	60.0~112.5kPa, 450~850mmHg
	Salinity Correction	0~50g/L
	Data Hold	Manual or Auto-Endpoint
	Calibration Due Alarm	1 to 31 days or Off
	Memory	Stores up to 500 data sets
	Output	USB communication interface
	Power Requirements	DC5V, using AC adapter, 220VAC/50Hz
	Dimensions and Weight	210(L)×188(W)×60(H)mm, 1.5kg

9 series Multiparameter Water Quality Meter



FEATURES

pH:

- Multi-parameter meter is equipped with a large backlit LCD display.
- 1 to 5 points push-button calibration with auto-buffer recognition.
- Selectable pH buffer group (USA/NIST/DIN) or using the custom calibration solutions.
- Automatic electrode diagnosis with pH slope and offset display.

ORP:

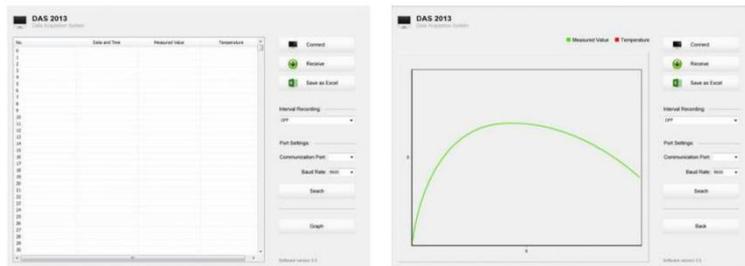
- 1 point offset calibration allows adjusting the displayed value to a known standard.
- Relative and absolute millivolt modes provide the reliable ORP measurements.

ION:

- 2 to 5 points calibration, providing the 8 concentration points can be selected.
- Automatically recognizes the ion selective electrode, does not need to specify type of ion.
- Automatic electrode diagnosis shows the calibration points and details of slopes.
- Direct ion concentration readout simplifies the measurement process.
- mV measurement mode can be used to calculate the ion concentration.
- Selectable concentration units, including the ppm, mg/L and mol/L.

CONDUCTIVITY/TDS/SALINITY/RESISTIVITY:

- 1 to 5 points push-button calibration, automatically recognizes the calibration solutions.
- Selectable cell constant (0.1/1/10), normalization temperature (20°C/25°C), TDS factor, linear and pure water compensations, seawater and practical salinity measurement modes.



DISSOLVED OXYGEN:

- 1 or 2 points calibration using the air-saturated water or zero oxygen solution.
- Salinity and barometric pressure compensations provide the reliable measuring results.
- Selectable measurement units, including the mg/L, ppm, mmHg and kPa.

GENERAL:

- Automatic Temperature Compensation provides accurate reading over the entire range.
- Calibration Due Reminder prompts user to calibrate the meter regularly.
- Stability indicator shows when a measurement is recognized as stable.
- Auto-Hold feature senses and locks the measurement endpoint.
- Battery indicator shows the remaining battery capacity.
- Auto-Power Off effectively conserves battery life.
- Calibration report provides the details of the calibration standards and electrode slopes.
- Setup menu allows setting the 15 parameters, including the number of calibration points, stability criteria, temperature unit, etc.
- Reset feature automatically resumes all settings back to factory default options.
- Expanded memory stores and recalls up to 500 data sets.
- Stored readings can be transferred into the computer by USB communication interface.

MEASUREMENT PARAMETERS

- 900 meter: pH, mV, Ion, Conductivity, TDS, Salinity, Resistivity, DO
- 901 meter: pH, mV, Conductivity, TDS
- 902 meter: pH, mV, Conductivity, TDS, Salinity, Resistivity
- 903 meter: pH, mV, DO
- 904 meter: Conductivity, TDS, Salinity, Resistivity, DO