

A180/181 Professional DO/BOD/OUR/SOUR Meter

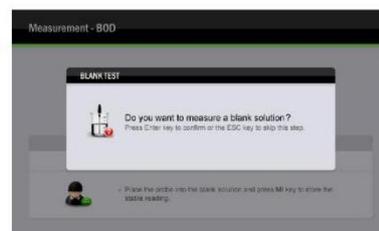
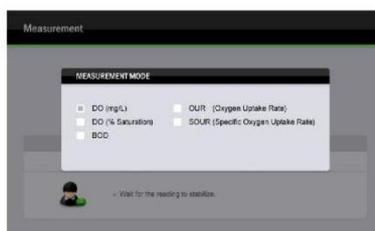


MEASUREMENT PARAMETERS

- A180 meter: Dissolved Oxygen, BOD, Oxygen Uptake Rate, Specific Oxygen Uptake Rate
- A181 meter: Dissolved Oxygen, % saturation of oxygen

FEATURES

- 1 or 2 points push-button calibration using the air-saturated water or zero oxygen solution.
- Salinity and barometric pressure compensations ensure the accurate DO measurements.
- Selectable testing time, beginning/ending DO are used for the OUR and SOUR calculations.
- Limit alarm alerts when reading exceeds range.
- Calibration Due Reminder prompts user to calibrate the meter regularly.
- Stability indicator shows when a measurement is recognized as stable.
- Auto-Read feature senses and locks the measurement endpoint.
- Interval Readings automatically send the measured data to the computer or printer.
- Password protection prevents the unauthorized calibration and settings.
- Expanded memory stores and recalls up to 1000 data sets.
- Stored readings can be transferred into the computer by USB communication interface.
- Reset feature automatically resumes all settings back to factory default options.



METER INCLUDES

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

SPECIFICATION

Model		A180	A181
Measuring Range	0.00~20.00mg/L, 0.0~200.0% saturation	•	•
Accuracy	±0.2mg/L, ±2.0%	•	•
Calibration Points	1 or 2 points	•	•
Temperature Compensation	0~50°C, 32~122°F, Automatic	•	•
Barometric Pressure Correction	450~850mmHg, 60.0~113.3kPa	•	•
Salinity Correction	0~50g/L	•	•
BOD/OUR/SOUR Measurements	Only for A180 meter	•	—
Stability Criteria	Standard or High-accuracy	•	•
Interval Readings	10, 30, 60 seconds, 10, 30 minutes or Off	•	•
Memory	Stores up to 1000 data sets	•	•
Output	USB communication interface	•	•
Display	7 inch TFT LCD	•	•
Power Requirements	DC12V/2A power adapter	•	•
Dimensions and Weight	240(L)×220(W)×80(H)mm, 1.7kg	•	•