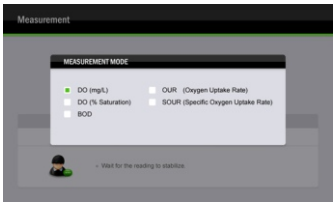
A Series Laboratory DO/BOD/OUR/SOUR Meter

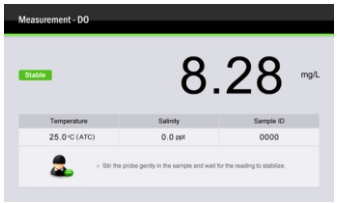
Measurement Parameters

- A180: Dissolved oxygen, BOD, oxygen uptake rate, specific oxygen uptake rate
- A181: Dissolved oxygen

Features

- 1 or 2 points calibration using the air-saturated water or zero oxygen solution
- Salinity and barometric pressure compensations eliminate the measurement errors
- Selectable testing time, beginning/ending DO are used for OUR and SOUR calculations
- Auto-read function senses and locks the measurement endpoint
- Timed Interval Readings sends the measurement data to a PC or printer
- Limit Alarm automatically alerts when reading exceeds the specified range
- Calibration due alarm reminds the user to calibrate the meter regularly
- Password protection prevents the unauthorized calibration and settings
- Expanded memory stores or recalls up to 1000 data sets
- Reset function automatically resumes all settings back to the factory defaults





Ordering Information

A180/181: Meter, DO100 dissolved oxygen electrode, electrolyte solution, membrane cap, electrode holder, power adapter

Specifications

	Model		A180	A181
DO	Range	0.00~20.00 mg/L, 0.0~200.0% saturation	•	•
	Resolution	0.01 mg/L, 0.1%	•	•
	Accuracy	±0.2 mg/L, ±2.0%	•	•
Other Specifications	Calibration	1 or 2 points	•	•
	Temperature Compensation	0~50°C/32~122°F, automatic	•	•
	Barometric Pressure Correction	60.0~113.3 kPa/450~850 mmHg, manual	•	•
	Salinity Correction	0.0~50.0 g/L, manual	•	•
	BOD/OUR/SOUR Measurement	For model A180 only	•	—
	Stability Criteria	Standard or high-accuracy	•	•
	Calibration Due Alarm	1 to 31 days or off	•	•
	Interval Readings	10, 30, 60 seconds, 10, 30 minutes or off	•	•
	Memory	1000 data sets	•	•
	Communication Interface	USB	•	•
	Connector	6-pin nimi-DIN	•	•
	Display	7 inches TFT LCD	•	•
	Power Requirements	12V DC power adapter	•	•
	Dimensions	240(L)×220(W)×80(H)mm	•	•
	Weight	1.7 kg	•	•