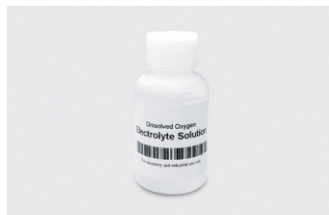


A Series Laboratory DO/BOD/OUR/SOUR Meter



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 and beginning/ending dissolved oxygen are used for calculating oxygen uptake rate (OUR) and specific oxygen uptake rate (SOUR)
- Auto-read function senses and locks the measurement endpoint
- Timed interval readings send measurement data to a PC or printer
- Limit alarm automatically alerts when measurements exceed the specified range
- Calibration due alarm reminds users to calibrate the meter regularly
- Password protection prevents unauthorized calibration and settings
- Expanded memory stores or recalls up to 1000 data sets
- DAS software is capable of receiving and exporting data to Excel
- Reset function automatically restores all settings 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, 0.1	•	•
	Accuracy	±0.2 mg/L, ±2.0%	•	•
	Calibration	1...2 points	•	•
General	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	•	•
	Additional Applications	Biochemical Oxygen Demand (BOD), Oxygen Uptake Rate (OUR), Specific Oxygen Uptake Rate (SOUR)	•	—
	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 mini-DIN	•	•
	Display	7 inches TFT LCD	•	•
	Power Supply	12V DC power adapter	•	•
	Dimensions	240(L)×220(W)×80(H)mm	•	•
	Weight	1.7 kg	•	•