

# A180/181 Laboratory DO/BOD/OUR/SOUR Meter

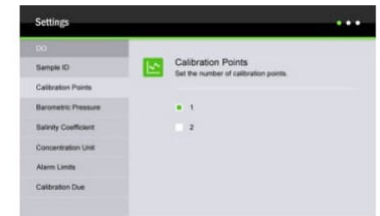
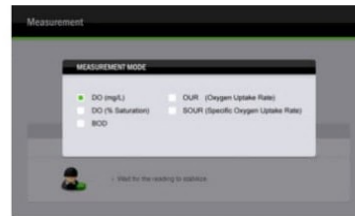


## Measurement Parameters

- 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 error
- Selectable testing time, beginning/ending DO are used for the OUR/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 prompts 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 and power adapter

## Specifications

| Model                |                                | A180                                      | A181 |
|----------------------|--------------------------------|---|------|
| DO                   | Range                          | 0.00~20.00mg/L, 0.0~200.0% saturation     |      |
|                      | Resolution                     | 0.01mg/L, 0.1%                            |      |
|                      | Accuracy                       | ±0.2mg/L, ±2.0%                           |      |
| Other Specifications | Calibration Points             | 1 or 2 points                             |      |
|                      | Temperature Compensation       | 0~50°C/32~122°F, automatic                |      |
|                      | Barometric Pressure Correction | 60.0~113.3kPa/450~850mmHg, manual         |      |
|                      | Salinity Correction            | 0.0~50.0g/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             | DC12V, using AC power adapter, 220V/50Hz  |      |
| Dimensions           | 240(L)×220(W)×80(H)mm          |   |      |
| Weight               | 1.7kg                          |   |      |