

DO-821 Portable Dissolved Oxygen Meter



MEASUREMENT PARAMETERS

Dissolved oxygen concentration, percent 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 unit including the mg/L, ppm, °C, °F, mmHg and kPa.
- Automatic Temperature Compensation ensures 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.
- 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.
- Multi-mode power scheme (battery, power adapter or USB port) ensures that use the meter smoothly.

METER INCLUDES

Dissolved oxygen probe, membrane cap, electrolyte solution and carrying case.

SPECIFICATION

	Model	Bante 820	Bante 821
DO	Measuring Range	0.00~20.00mg/L	0.00~20.00mg/L
	Accuracy	±0.5mg/L	±0.2mg/L
	Resolution	0.01mg/L	0.01, 0.1mg/L
% Saturation	Measuring Range	0.0~200.0%	0.0~200.0%
	Accuracy	±2.0%	±2.0%
	Resolution	0.1%	0.1, 1%
General	Calibration Points	1 or 2 points	1 or 2 points
	Temperature Compensation	0~50°C, 32~122°F, Automatic	0~50°C, 32~122°F, Automatic
	Barometric Pressure Correction	60.0~112.5kPa, 450~850mmHg, Manual	60.0~112.5kPa, 450~850mmHg, Manual
	Salinity Correction	0~50g/L, Manual	0~50g/L, Manual
	Hold Function	Manual or Automatic endpoint detection	Manual or Automatic endpoint detection
	Stability Criteria	—	Low or High
	Calibration Due Alarm	—	1 to 31 days
	Memory	Stores up to 100 data sets	Stores up to 500 data sets
	Output	USB communication interface	USB communication interface
	Power Requirements	3×1.5V AA batteries or DC5V power adapter	3×1.5V AA batteries or DC5V power adapter
	Dimensions	170(L)×85(W)×30(H)mm	170(L)×85(W)×30(H)mm
Weight	300g	300g	

