

# Bante820 Portable Dissolved Oxygen Meter



## 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.
- Automatic Temperature Compensation ensures accurate reading over the entire range.
- Hold function freezes reading momentarily for easy viewing.
- Expanded memory stores and recalls up to 48 data sets.
- Built-in real-time clock stamps stored data to meet GLP standard.



## METER INCLUDES

- Dissolved oxygen probe
- Membrane cap
- Electrolyte solution
- Carrying case

## SPECIFICATION

Model		Bante 820
DO	Measuring Range	0.0~20.0mg/L
	Accuracy	±0.5mg/L
	Resolution	0.1mg/L
% Saturation	Measuring Range	0.0~200.0%
	Accuracy	±2.0%
	Resolution	0.1%
General	Calibration Points	1 or 2 points
	Temperature Compensation	0~40°C, Automatic
	Barometric Pressure Correction	60.0~112.5kPa, 450~850mmHg, Manual
	Salinity Correction	0~35g/L, Manual
	Hold Function	Manual
	Sensor Type	DO100 polarographic DO probe
	Memory	Stores up to 48 data sets
	Output	USB communication interface
	Display	Custom LCD
	Power Requirements	1×9V/800mA battery
	Dimensions	185(L)×88(W)×32(H)mm
	Weight	300g

# Bante821 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 500 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 821
DO	Measuring Range	0.00~20.00mg/L
	Accuracy	±0.2mg/L
	Resolution	0.01, 0.1mg/L
% Saturation	Measuring Range	0.0~200.0%
	Accuracy	±2.0%
	Resolution	0.1, 1%
General	Calibration Points	1 or 2 points
	Temperature Compensation	0~50°C, 32~122°F, Automatic
	Barometric Pressure Correction	60.0~112.5kPa, 450~850mmHg, Manual
	Salinity Correction	0~50g/L, Manual
	Hold Function	Manual or Automatic endpoint detection
	Stability Criteria	Low or High
	Calibration Due Alarm	1~31 days
	Power Off	Manual or Automatic (10, 20 or 30 minutes after last key pressed)
	Memory	Stores up to 500 data sets
	Output	USB communication interface
	Power Requirements	3×1.5V AA batteries or DC5V power adapter
	Dimensions and Weight	170(L)×85(W)×30(H)mm, 300g