

Bante 8 Series Portable Dissolved Oxygen 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
- Automatic temperature compensation ensures accurate readings over the entire range
- Auto-read function senses and locks the measurement endpoint
- Auto-power off effectively conserves battery life.
- Setup menu allows setting the number of calibration points, resolution, concentration unit, temperature unit, stability criteria, date and time, etc.
- Reset function automatically restores all settings to the factory defaults
- Expanded memory stores or recalls up to 500 data sets
- USB communication interface for data transfer or connecting a power adapter to meter
- DAS software is capable of receiving data, recording measurements at specified intervals, exporting data to Excel



Ordering Information

Bante820/821: Meter, DO100 dissolved oxygen electrode, electrolyte solution, membrane cap, electrode clip, carrying case

Specifications

Model		Bante 820	Bante 821
DO	Range	0.00...20.00 mg/L, 0.0...200.0% saturation	0.00...20.00 mg/L, 0.0...200.0% saturation
	Resolution	0.01, 0.1	0.01, 0.1
	Accuracy	±0.5 mg/L, ±2.0%	±0.2 mg/L, ±2.0%
	Calibration	1...2 points	1...2 points
General	Temperature Compensation	0...50°C/32...122°F, automatic	0...50°C/32...122°F, automatic
	Barometric Pressure Correction	60.0...113.3 kPa/450...850 mmHg, manual	60.0...113.3 kPa/450...850 mmHg, manual
	Salinity Correction	0.0...50.0 ppt, manual	0.0...50.0 ppt, manual
	Stability Criteria	Standard	Standard or strict
	Calibration Due Alarm	—	1 to 31 days or off
	Hold Function	Manual or auto-lock endpoint	Manual or auto-lock endpoint
	Auto-Off	30 minutes after last key pressed	10/20/30 minutes after last key pressed
	Memory	100 data sets	500 data sets
	Communication Interface	USB	USB
	Connector	6-pin mini-DIN	6-pin mini-DIN
	Display	Custom LCD (80×60 mm)	Custom LCD (80×60 mm)
	Power Supply	3×1.5V AA batteries or 5V DC power adapter	3×1.5V AA batteries or 5V DC power adapter
	Dimensions	170(L)×85(W)×30(H) mm	170(L)×85(W)×30(H) mm
	Weight	300 g	300 g