## 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**

Bante 820/821: Meter, D0100 dissolved oxygen electrode, electrolyte solution, membrane cap, electrode clip, carrying case

## **Specifications**

Model	operitorions				
Resolution		Model	Bante 820	Bante 821	
Accuracy		Range	0.0020.00 mg/L, 0.0200.0% saturation	0.0020.00 mg/L, 0.0200.0% saturation	
Accuracy		Resolution	0.01, 0.1	0.01, 0.1	
Temperature Compensation		Accuracy	$\pm 0.5 mg/L$ , $\pm 2.0\%$	$\pm 0.2  mg/L$ , $\pm 2.0\%$	
Barometric Pressure Correction 60.0113.3 kPa/450850 mmHg, manual 60.0113.3 kPa/450850 mmHg, manual 0.050.0 ppt, manual 0.0		Calibration	12 points	12 points	
Salinity Correction  Stability Criteria  Standard  Standard  Standard or strict  Calibration Due Alarm  Hold Function  Manual or auto-lock endpoint  Auto-Off  Memory  100 data sets  Communication Interface  USB  Connector  6-pin mini-DIN  Display  Custom LCD (80×60 mm)  Power Supply  Dimensions  170 (L)×85 (W)×30 (H) mm  Standard or strict  Standard or strict  Nanual or auto-lock endpoint  Manual or auto-lock endpoint  Manual or auto-lock endpoint  Manual or auto-lock endpoint  USB 10/20/30 minutes after last key pressed  10/20/30 minutes after last key pressed  USB  USB  Communication Interface  USB  Custom LCD (80×60 mm)  Custom LCD (80×60 mm)  3×1.5V AA batteries or 5V DC power adapter  170 (L)×85 (W)×30 (H) mm	General	Temperature Compensation	050°C/32122°F, automatic	050°C/32122°F, automatic	
Stability Criteria Standard Standard 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  Dimensions 170(L)×85(W)×30(H) mm 170(L)×85(W)×30(H) mm		Barometric Pressure Correction	60.0113.3 kPa/450850 mmHg, manual	60.0113.3 kPa/450850 mmHg, manual	
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)  Power Supply 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		Salinity Correction	0.050.0 ppt, manual	0.050.0 ppt, manual	
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  Dimensions 170(L)×85(W)×30 (H) mm 170 (L)×85(W)×30 (H) mm		Stability Criteria	Standard	Standard or strict	
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		Calibration Due Alarm	_	1 to 31 days or off	
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		Hold Function	Manual or auto-lock endpoint	Manual or auto-lock endpoint	
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 Dimensions 170(L)×85(W)×30 (H) mm 170(L)×85(W)×30 (H) mm		Auto-Off	30 minutes after last key pressed	10/20/30 minutes after last key pressed	
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		Memory	100 data sets	500 data sets	
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		Communication Interface	USB	USB	
Power Supply $3 \times 1.5 \text{V AA}$ batteries or 5V DC power adapter $3 \times 1.5 \text{V AA}$ batteries or 5V DC power adapter Dimensions $170(\text{L}) \times 85(\text{W}) \times 30(\text{H}) \text{mm}$ $170(\text{L}) \times 85(\text{W}) \times 30(\text{H}) \text{mm}$		Connector	6-pin mini-DIN	6-pin mini-DIN	
Dimensions 170(L)×85(W)×30 (H) mm 170 (L)×85 (W)×30 (H) mm		Display	Custom LCD (80×60 mm)	Custom LCD (80×60 mm)	
17.11		Power Supply	3×1.5V AA batteries or 5V DC power adapter	3×1.5V AA batteries or 5V DC power adapter	
Weight 300 g 300 g		Dimensions	170(L)×85(W)×30(H)mm	170(L)×85(W)×30(H)mm	
		Weight	300 g	300 g	