

Bante 810/980 Benchtop Dissolved Oxygen Meter



Bante 810 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
- Setup menu allows setting the number of calibration points, concentration unit, temperature unit, etc.
- Reset function automatically restores all settings to the factory defaults

Ordering Information

Bante 810: Meter, DO100 dissolved oxygen electrode, electrolyte solution, membrane cap, electrode holder, power adapter



Bante 980 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
- Calibration due alarm reminds users to calibrate the meter regularly
- Setup menu allows setting the number of calibration points, resolution, stability criteria, temperature unit, concentration unit, 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 enables easy data transfer to a PC
- DAS software is capable of receiving data, recording measurements at specified intervals, exporting data to Excel

Ordering Information

Bante 980: Meter, DO100 dissolved oxygen electrode, electrolyte solution, membrane cap, electrode holder, power adapter



Specifications

Model		Bante 810	Bante 980
DO	Range	0.0...20.0 mg/L	0.00...20.00 mg/L
	Resolution	0.1	0.01, 0.1, selectable
	Accuracy	±0.5 mg/L	±0.2 mg/L
% saturation	Range	0.0...200.0%	0.0...200.0%
	Resolution	0.1	0.1, 1, selectable
	Accuracy	±2.0%	±2.0%
Temperature	Range	0...60°C/32...140°F	0...60°C/32...140°F
	Resolution	0.1	0.1
	Accuracy	±1°C/±1.8°F	±0.5°C/±0.9°F
	Offset Calibration	1 point, reading ±10°C	1 point, reading ±10°C
General	Dissolved Oxygen Calibration	1...2 points	1...2 points
	Temperature Compensation	0...40°C, automatic	0...50°C, 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...35 g/L, manual	0.0...50.0 g/L, manual
	Stability Criteria	—	Standard or strict
	Calibration Due Alarm	—	1 to 31 days or off
	Hold Function	Manual or auto-lock endpoint	Manual or auto-lock endpoint
	Memory	—	500 data sets
	Communication Interface	—	USB
	Connector	6-pin mini-DIN	6-pin mini-DIN
	Display	Custom LCD (135×75 mm)	Custom LCD (125×100 mm)
	Power Supply	9V DC power adapter	5V DC power adapter
	Dimensions	210(L)×205(W)×75(H) mm	210(L)×188(W)×60(H) mm
Weight	1.5 kg	1.5 kg	