

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 for data transfer and timed interval readings

Ordering Information

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



Specifications

Model	Bante 810	Bante 980	
DO	Range	0.0~20.0 mg/L or ppm	0.00~20.00 mg/L or ppm
	Resolution	0.1 mg/L	0.01, 0.1 mg/L, 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°C/0.1°F	0.1°C/0.1°F
	Accuracy	±1°C/±1.8°F	±0.5°C/±0.9°F
	Offset Calibration	1 point, reading ±10°C	1 point, reading ±10°C
Other Specifications	Dissolved Oxygen Calibration	1 or 2 points	1 or 2 points
	Temperature Compensation	0~40°C, automatic	0~50°C, automatic
	Barometric Pressure Correction	60.0~112.5 kPa/450~850 mmHg, manual	60.0~112.5 kPa/450~850 mmHg, manual
	Salinity Correction	0~35 g/L, manual	0.0~50.0 ppt, manual
	Stability Criteria	—	Low or high
	Calibration Due Alarm	—	1 to 31 days or off
	Hold Function	Manual or auto-endpoint	Manual or auto-endpoint
	Memory	—	500 data sets
	Communication Interface	—	USB
	Connector	6-pin nimi-DIN	6-pin nimi-DIN
	Display	Custom LCD (120×60 mm)	Custom LCD (125×100 mm)
	Power Requirements	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	