

Bante 210/920 Benchtop pH/ORP Meter



Measurement Parameters

- Bante 210: pH, mV, temperature
- Bante 920: pH, mV, relative mV, temperature

Bante 210 Features

- 1 to 3 points calibration with automatic recognition for USA and NIST buffers
- Automatic electrode diagnosis helps user decide whether to replace the pH electrode
- Automatic temperature compensation ensures accurate readings over the entire range
- Auto-Read function senses and locks the measurement endpoint
- Setup menu allows setting the pH buffer set, number of calibration points, temperature unit, etc.
- Reset function automatically resumes all settings back to the factory defaults



Bante 920 Features

pH

- 1 to 5 points calibration with automatic recognition for USA, NIST and DIN buffers
- Automatic electrode diagnosis shows the pH slope and offset
- Automatic temperature compensation ensures accurate readings over the entire range
- Calibration due alarm prompts user to calibrate the meter regularly

ORP

- 1 point offset calibration allows adjusting the displayed value to a known standard
- Relative and absolute millivolt modes ensure the reliable ORP measurements

General Features

- Auto-Read function senses and locks the measurement endpoint
- Setup menu allows setting the pH buffer set, number of calibration points, resolution, stability criteria, temperature unit, date and time, etc.
- Reset function automatically resumes all settings back to the factory defaults
- Expanded memory stores or recalls up to 500 data sets
- USB communication interface for data transfer and timed interval readings



Specifications

Model	Bante210	Bante920	
pH	Range	-1.00~15.00pH	-2.000~20.000pH
	Resolution	0.01pH	0.001, 0.01, 0.1pH, selectable
	Accuracy	±0.01pH	±0.002pH
	Calibration Points	1 to 3 points	1 to 5 points
	pH Buffer Options	USA (4.01/7.00/10.01), NIST (4.01/6.86/9.18)	USA, NIST, DIN, 2 custom buffers
ORP	mV Range	±1999mV	±1999.9mV
	Relative mV Range	—	±1999.9mV
	Resolution	1mV	0.1, 1mV, selectable
	Accuracy	±1mV	±0.2mV
	Calibration Points	—	1 point
Temperature	Range	0~105°C/32~221°F	0~105°C/32~221°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	Temperature Compensation	0~100°C, manual or automatic	0~100°C, manual or automatic
	Stability Criteria	—	Low or high
	Calibration Due Alarm	—	1 to 31 days or off
	Slope/Offset Display	—	Yes
	Hold Function	Manual or auto-endpoint	Manual or auto-endpoint
	Memory	—	500 data sets
	Communication Interface	—	USB
	Connector	BNC, 3.5 mm jack socket	BNC, 3.5 mm jack socket
	Display	Custom LCD (120×60 mm)	Custom LCD (125×100 mm)
	Power Requirements	DC9V power adapter	DC5V power adapter
	Dimensions	210(L)×205(W)×75(H) mm	210(L)×188(W)×60(H) mm
Weight	1.5kg	1.5kg	

Ordering Information

- Bante 210/920-**CN**: Meter, E201-BNC plastic body pH electrode, temperature probe, pH buffer sachets, electrode holder, USB cable (for Bante 920 only) and power adapter
- Bante 210/920-**UK**: Meter, P11 glass pH electrode, temperature probe, pH buffer sachets, electrode holder, USB cable (for Bante 920 only) and power adapter
- Bante 920-**ORP**: Meter, E201-BNC plastic body pH electrode, 501 ORP electrode, temperature probe, pH buffer sachets, electrode holder, USB cable and power adapter