

Bante220 Portable pH Meter



Features:

- 2 points push-button calibration with auto-buffer recognition.
- Automatic electrode slope display helps user decide whether to replace sensor.
- Automatic Temperature Compensation ensures accurate measured value over the entire range.
- Data Hold function freezes current reading for easy viewing and recording.
- Help message as a operational guide that helps you quickly using the meter.
- Expanded memory stores and recalls up to 50 readings.
- Built-in real-time clock stamps stored data to meet GLP standard.

Meter Includes:

- pH electrode
- Temperature probe
- pH buffer solutions (pH4.01/7.00/10.01)
- 9V battery
- Carrying case

Specifications:

Model	Bante 220
pH Range	-2.00~16.00pH
pH Accuracy	±0.01pH
Resolution	0.01pH
Calibration Points	2 points
Calibration Solutions	USA (pH4.01/7.00/10.01)
Temperature Compensation	0~100°C, 32~212°F, Manual or Automatic
mV Range	-1999~1999mV
mV Accuracy	±1mV
Resolution	1mV
Temperature Range	0~100°C, 32~212°F
Temperature Accuracy	±1°C
Resolution	0.1°C
Hold Function	Manual
Memory	Stores up to 50 data sets
Connector	BNC
Power Requirements	1×9V/800mA battery
Dimensions	185(L)×88(W)×32(H)mm
Weight	300g

Bante221 Portable pH/ORP Meter



Meter Includes:

pH electrode, temperature probe, pH buffer solutions (pH4.01/7.00/10.01), batteries and carrying case.

Specifications:

Model	Bante 221
pH Range	-2.000~20.000pH
pH Accuracy	±0.002pH
Resolution	0.1, 0.01, 0.001pH, Selectable
Calibration Points	1~5 points
Calibration Solutions	USA (pH1.68/4.01/7.00/10.01/12.45), NIST (pH1.68/4.01/6.86/9.18/12.45), DIN (pH1.09/4.65/6.79/9.23/12.75) or User-defined
Temperature Compensation	0~100°C, 32~212°F, Manual or Automatic
mV Range	-1999.9~1999.9mV
mV Accuracy	±0.2mV
Resolution	0.1, 1mV, Selectable
Calibration Points	1 point (Only for Relative mV mode)
Temperature Range	0~105°C, 32~221°F
Temperature Accuracy	±0.5°C, ±0.9°F
Memory	Stores up to 500 data sets
Output	USB Communication Interface
Connector	BNC
Power Requirements	3×1.5V "AA" batteries or DC5V power adapter
Dimensions	170(L)×85(W)×30(H)mm
Weight	300g

pH Mode:

- 1 to 5 points push-button calibration with auto-buffer recognition.
- Selectable pH buffer options or using the custom calibration solutions.
- Automatic electrode slope display helps user decide whether to replace sensor.
- Automatic Temperature Compensation provides accurate measured values.
- Calibration Due Reminder prompts you to calibrate the meter regularly.

ORP Mode:

- 1 point offset calibration allows adjusting the displayed value to a known standard.
- Relative and absolute mV measurement modes provide accurate ORP readings.



Others Features:

- Stability indicator automatically shows current measurement status.
- Auto-Hold function freezes stable reading for easy viewing and recording.
- Automatic electrode diagnosis shows offset and electrode slope.
- System menu allows setting the 9 parameters, including the pH buffer standard, number of calibration points, resolution, stability condition, temperature unit, etc.
- Reset feature automatically resumes parameters back to factory default options.
- Expanded memory stores and recalls up to 500 readings.
- Built-in real-time clock stamps stored data to meet GLP standard.
- Stored data can be transferred into computer by USB communication interface.