

Bante930 Precision Ion/pH/ORP/°C/°F Meter **NEW**



Bante930 is a high accuracy meter used for measuring the ion concentration, ORP and pH value of liquids. The meter widely used in environmental studies, chemical labs, swimming pools, spas to monitor the chemical reaction of water.

FEATURES:

- During pH mode, multipoint push-button calibration with auto-buffer recognition (Up to 5 points).
- Selectable pH buffer standards (USA, DIN, NIST or User-defined).
- Automatically calculates and displays electrode slope after calibration.
- During ORP mode, 1 point offset calibration allows user adjusts displayed value to a known standard.
- Absolute or Relative mV measurements provides accurate ORP measurements.
- During the ion mode, 2 to 5 points calibration from low to high concentrations.
- Selectable multiple concentration units, including ppm, mg/L and mol/L.
- Direct readout ion concentration simplifies the elaborate measurement process.
- Automatic Temperature Compensation provides highly accurate measurements over the entire range.
- Automatic endpoint function freezes the stable measured values for easy reading and recording data.
- Calibration due reminder prompts you to calibrate the meter regularly.
- Help message as a operational guide to helps you understand how to use meter.
- Setup menu lets user customize the ion concentration units, calibration points, pH buffer standards, stability conditions of measurement, temperature units, date/time to meet personal preferences.
- Reset function allows user to returns all settings to the factory default values.
- Expanded memory stores and recalls up to 500 readings.
- Built-in real-time clock stamps stored data to meets GLP standards.
- Stored data can be transferred into personal computer via USB communication interface.

METER INCLUDES:

- pH Electrode
- Ion Selective Electrode (Depending on your choice)
- Temperature Probe
- Standard pH Buffers (pH4.01, 7.00, 10.01)
- DC9V Power Adapter

SPECIFICATIONS:

Bante930	
pH Range	-2.000~20.000pH
pH Accuracy	± 0.002pH (Resolution: 0.001/0.01/0.1pH, Selectable)
Ion Concentration Range	0.001~19999ppm, mg/L, mol/L (Depending on measuring range of Ion Selective Electrode)
Accuracy	± 0.5% Full Scale (Monovalent), ± 1% Full Scale (Divalent)
mV Range and Accuracy	0~ ± 1999.9mV, ± 0.2mV (Resolution: 0.1/1mV, Selectable)
Temperature Range and Accuracy	0.0~105.0°C, 32~221°F; ± 0.5°C, ± 0.9°F
Calibration Points	Ion mode: 2 to 5 points; pH mode: Up to 5 points
pH Buffer Groups	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)
Temperature Compensation	0~100°C, 32~212°F; Automatic or Manual
Memory and Output	500 data sets with Date/Time stamping, USB Communication Interface
Connector	BNC
Power Requirements	DC9V, using AC adapter, 220V AC/50Hz
Dimensions	210(L)×188(W)×60(H)mm
Weight	1.2kg