



PORTABLE PH/ORP METER BMET-1301

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Multi-parameter Analyzer simultaneously measures Ion, Conductivity, Dissolved Oxygen, Temperature that otherwise requires four different meters. With the appropriate probes installed, it can also simultaneously measure several or one parameters.

BMET-1301 PORTABLE PH/ORP METER



pH

- 1 to 5 points push-button calibration with auto-buffer recognition
- Selectable pH buffer group (USA / NIST / DIN) or using the custom calibration solutions
- Automatic electrode diagnosis with pH slope and offset display
- Automatic Temperature Compensation provides accurate reading over the entire range
- Calibration Due Reminder 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 provide the reliable ORP measurements

GENERAL

- Stability indicator shows when a measurement is recognized as stable
- Auto-Hold feature senses and locks the measurement endpoint
- Setup menu allows setting the 9 parameters, including the pH buffer group, number of calibration points, resolution, stability criteria, auto-power off, etc
- Reset feature automatically resumes all settings back to factory default options
- Expanded memory stores and recalls up to 500 data sets
- Stored readings can be transferred into the computer by USB communication interface
- Multi-mode power scheme (battery, power adapter or USB port) ensures that use the meter smoothly

SPECIFICATIONS

Model	BMET-1301
pH Measuring Range	- 2 ~ 20 pH
Temperature Measurement Range	0 ~ 105 °C, 32 ~ 221 °F
pH Resolution	0.001, 0.01, 0.1
mV Measuring Range	± 1999.9 mV
Temperature Accuracy	± 0.5 °C, ± 0.9 °F
pH Basic Error	± 0.002 pH
Basic Error	± 0.2mV
pH Calibration Points	1 ~ 5 points (USA, NIST, DIN, Custom)
Temperature Compensation	Automatic/Manual 0 ~ 100 °C, 32 ~ 212 °F
Storage Capacity	Stores up to 500 data sets
Temp Calibration Points	1 point
Calibration Due Alarm	1 ~ 31 days
Hold Function	Manual or Automatic endpoint detection
Stability Criteria	Low or High
mV Calibration Points	1 point (Only for Relative mV mode)
Output	USB communication interface
Dimensions and Weight	170 (L) × 85 (W) × 30 (H) mm

Weight	300 g
Standard accessories	pH electrode, temperature probe, pH buffer solutions (4.01 / 7.00 / 10.01), carrying case
Power Supply	3 × 1.5 V AA batteries or DC5 V power adapter



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