



## MULTI-PARAMETER ANALYZER BEP1P1 (BMET-1301)

# MULTI-PARAMETER ANALYZER BEP1P1

## PORTABLE PH/ORP METER

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.



### 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

## SPECIFICATIONS

Model	BEP1P1
Old 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	± 0.2 mV
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) x 85 (W) x 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 x 1.5 V AA batteries or DC5 V power adapter
Alt Name	Portable pH/ORP Meter

## FEATURES

### 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.



**Biolab Scientific Ltd.**

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada

Email: [info@biolabscientific.com](mailto:info@biolabscientific.com) | Website: [www.biolabscientific.com](http://www.biolabscientific.com)