



MULTI-PARAMETER ANALYZER BMET-609

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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-609 MULTI-PARAMETER ANALYZER



SPECIFICATIONS

Model	BMET-609
pH	
Range	-2.000 to 20.000 pH
Resolution	0.1, 0.01, 0.001 pH
Accuracy	± 0.002 pH
Calibration Points	Up to 8
Standard Customization	Yes
Calibration Reminder	Yes
Standard Recognition	USA, NIST, MERK, JIS, GB and DIN buffers
Slope Limit	Yes
mV/ORP	
Range	- 2000.00 to 2000.00 mV
Resolution	0.1, 0.01 mV
Accuracy	±0.1 mV or ±0.03 % of reading whichever is greater
EH ORP Mode	Yes
ORP Calibration Points	1 custom point (relative mV)
pX	
Range	- 2.000 to 20.000 pX
Resolution	0.1, 0.01, 0.001 pX
Accuracy	± 0.002 pX
Calibration Points	Up to 6
ISE	
Range	1E-9 to 9.999E9
Unit	mol/L, mmol/L, g/L, mg/L, µg/L
Resolution	Up to 4 significant digits
Accuracy	± 0.3 %

Calibration Points	Up to 8
Conductivity	
Range	0.000 μ S/cm to 3000 mS/cm
Resolution	1.001 μ S/cm minimum; changed with range
Accuracy	\pm 0.5 % FS
Reference Temperature	5, 10, 15, 18, 20, 25 $^{\circ}$ C
Calibration Points	Up to 5
Calibration Reminder	Yes
Standard Recognition	10 μ S/cm, 84 μ S/cm, 500 μ S/cm, 1413 μ S/cm; 12.88 mS/cm
Resistivity	
Range	5.00 Ω cm ~100.00 M Ω cm
Resolution	0.01 Ω cm minimum
Accuracy	\pm 0.5 % FS
TDS	
Range	0.000 mg/L ~1000 g/L
Resolution	0.001 mg/L minimum; changed with range
Accuracy	\pm 0.5 %
Salinity	
Range	(0.00 ~8.00) %
Resolution	0.01 %
Accuracy	\pm 0.1 %
Dissolved Oxygen Concentration	
Sensor Type	Polarographic
Range	0.00 to 99.99 mg/L
Resolution	2.01 mg/L
Accuracy	\pm 0.3 mg/L (0.00 to 20.00 mg/L) \pm 10% (20.00 to 99.99 mg/L)
Calibration Reminder	Yes
Calibration Points	Air-saturated water or zero point
Barometric Compensation	Yes
Manual Salinity Factor Correction	Yes
Saturation	
Range	(0.0 to 600.0)%
Resolution	0.10 %
Accuracy	\pm 10.0 %
Temperature	
Range	- 10 to 135 $^{\circ}$ C, 14 to 275 $^{\circ}$ F
Unit	$^{\circ}$ C, $^{\circ}$ F
Resolution	0.1
Relative Accuracy	\pm 0.2
Measurement	
Reading Mode	AutoRead(Fast, Medium, Slow), Timed, Continuous
Reading Prompts	Reading, Stable, Locked
Data Management	
Data Storage	1000 Groups
GLP Features	Yes
Inputs	
pH Electrode	BNC(Q9)
Temp./DO Probe	4-pin aviation connector

Temp./EC. Probe	5-pin aviation connector
Outputs	
USB	USB 2.0 flash memory device, PC,scanner
Bluetooth	printer
Display Options	
Backlight	Yes
Auto Shut-down	300, 600, 1200, 1800, 3600sec, off
IP Rating	IP65
General	
Power	AC Adapter, 100-240 V AC input, DC 5 V output
Dimensions	90x255x40 mm
Weight	500 g(1.1 lb)



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