PRODUCT CATALOG

MULTI-PARAMETER ANALYZER BMET-609

ISO9001 CERTIFIED

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MULTI-PARAMETER ANALYZER BMET-609

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 µS/cm to 3000 mS/cm
Resolution	1.001 µS/cm minimum; changed with range
Accuracy	± 0.5 % FS
Reference Temperature	5, 10, 15, 18, 20, 25 °C
Calibration Points	Up to 5
Calibration Reminder	Yes
Standard Recognition	10 µS/cm, 84 µS/cm, 500 µS/cm, 1413 µS/cm; 12.88 mS/cm
Resistivity	
Range	5.00 Ωcm ~100.00 MΩcm
Resolution	0.01 Ωcm minimum
Accuracy	± 0.5 % FS
TDS	
Range	0.000 mg/L ~1000 g/L
Resolution	0.001 mg/L minimum; changed with range
Accuracy	± 0.5 %
Salinity	
Range	(0.00 ~8.00) %
Resolution	0.01 %
Accuracy	± 0.1 %
Dissolved Oxygen Concentration	
Sensor Type	Polarographic
Range	0.00 to 99.99 mg/L
Resolution	2.01 mg/L
Accuracy	± 0.3 mg/L (0.00 to 20.00 mg/L) ± 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	± 10.0 %
Temperature	
Range	- 10 to 135 °C, 14 to 275 °F
Unit	°C, °F
Resolution	0.1
Relative Accuracy	± 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)

Biolab Scientific Ltd.
3660 Midland Avenue, Suite 300, Toronto, Ontario M1V 0B8, Canada
Email: info@biolabscientific.com | Website: www.biolabscientific.com