



## MULTI-PARAMETER ANALYZER BMET-604

## MULTI-PARAMETER ANALYZER BMET-604

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-604 MULTI-PARAMETER ANALYZER



## SPECIFICATIONS

Model	BMET-604
pH	
Range	-3.000 to 20.000 pH
Resolution	1.1, 0.01, 0.001 pH
Accuracy	± 0.002 pH
Calibration Points	Up to 7
Standard Customization	Yes
Standard Recognition	NIST,GB,DIN,USA and MERK 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 %
EH ORP Mode	Yes
ORP Calibration Points	1~2 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	0~19990
Unit	mol/L, mmol/L, g/L, mg/L, µg/L
Resolution	Up to 4 significant digits
Accuracy	± 0.3 %
Calibration Points	Up to 6

Conductivity	
Range	0.000 $\mu$ S/cm to 3000 mS/cm
Resolution	0.001 $\mu$ 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
Standard Recognition	146.5 $\mu$ S/cm, 1408 $\mu$ S/cm, 12.85 mS/cm, 111.3 mS/cm
Resistivity	
Range	5.00 $\Omega$ cm ~100.00 M $\Omega$ cm
Resolution	0.01 $\Omega$ cm minimum;
Accuracy	$\pm$ 0.5 % FS
TDS	
Range	0.000 mg/L ~1000 g/L
Resolution	0.001 ppm minimum; changed with range
Accuracy	$\pm$ 0.5 %
Salinity	
Type	NaCl %
Range	(0.00 ~8.00) %
Resolution	0.01 %
Accuracy	$\pm$ 0.1 %
Dissolved Oxygen Concentration	
Sensor Type	Polarographic
Range	0.00 to 99.99mg/L
Resolution	2.01 mg/L
Accuracy	$\pm$ 0.1 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)%
Saturation	
Resolution	0.10 %
Accuracy	$\pm$ 10.0 %
Temperature	
Range	- 5 to 130 $^{\circ}$ C
Unit	$^{\circ}$ C,
Resolution	0.1
Accuracy	$\pm$ 0.1
Measurement	
Reading Mode	AutoRead( Fast, Medium, Slow), Timed, Continuous
Reading Prompts	Reading, Stable, Locked
Temp. Compensation	ATC, MTC
Data Management	
Data Storage	1000 Groups
GLP Features	Yes
Log Management	Yes
Inputs	

pH Electrode	BNC(Q9)
Temp./DO Probe	6-pin MiniDIN
Temp./EC. Probe	8-pin MiniDIN
Outputs	
USB,RS 232	USB 2.0 flash memory device, printer, PC
Display Options	
Backlight	Yes
Auto Shut-down	1~60 min, off
IP Rating	IP54
Date and Time	Yes
General	
Power	AC Adapter, 100-240 V AC input, DC24V output
Dimensions	280x280x130 mm
Weight	2500 g (5.51 lb)



**Biolab Scientific Ltd.**

3660 Midland Avenue, Suite 300, Toronto, Ontario M1V 0B8, Canada  
Email: [contact@biolabscientific.com](mailto:contact@biolabscientific.com) | Website: [www.biolabscientific.com](http://www.biolabscientific.com)