



MULTI-PARAMETER ANALYZER BMET-603

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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-603 MULTI-PARAMETER ANALYZER



SPECIFICATIONS

Model	BMET-603
pH	
Range	-2.000 to 20.000 pH
Resolution	0.1, 0.01, 0.001 pH
Accuracy	± 0.002 pH
Calibration Points	Up to 7
Standard Customization	Yes
Calibration Reminder	Yes
Standard Recognition	NIST,GB,DIN,USA,MERK,JIS 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, ppm
Resolution	Up to 4 significant digits
Accuracy	± 0.3 %

Calibration Points	Up to 6
Conductivity	
Range	0.000 μ S/cm to 2000 mS/cm
Resolution	1.01 Ω cm minimum
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
Accuracy	\pm 0.5 % FS
TDS	
Range	0.000 ~1000 ppt
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 99.99 mg/L
Resolution	0.01 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)%
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
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	4-pin aviation connector
Temp./EC Probe	5-pin aviation connector
Outputs	
USB	USB 2.0 flash memory device, PC
RS 233	printer,scanner,autosampler
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	220x195x68 mm
Weight	950 g(2.09 lb)



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