



PH/ION METER BMET-504

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An ion meter is a device which with the aid of electrochemical activity of ion electrodes measures the concentration of ions in a solution. It works by the means of selective ion electrodes and measuring ion activity capability of sensitive membrane of a measuring devices. A sensor electrode and a reference electrode are used to measure the ion concentration in a solution.

BMET-504 PH/ION METER



SPECIFICATIONS

Model	BMET-504
pH	
Range	-2.000 to 20.000 pH
Resolution	0.1, 0.01, 0.001 pH
Accuracy	± 0.002 pH
Calibration Points	Up to 6
Standard Customization	Yes
Standard Recognition	NIST,GB,DIN buffers
mV	
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
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 9.999E10
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
Temperature	
Range	-10 to 135 °C, 14 to 275 °F

Unit	°C, °F
Resolution	1.1
Accuracy	± 0.3
Measurement	
Reading Mode	AutoRead(Fast, Medium,Slow), Timed, Continuous
Reading Prompts	Reading, Stable, Locked
Temp. Compensation	ATC, MTC
Data Management	
Data Storage	501 results each
GLP Features	Yes
Inputs	
pH Electrode	BNC(Q9)
Temp./DO Probe	4-pin aviation connector
Outputs	
USB	PC
RS 233	printer
Display Options	
Backlight	Yes
Auto Shut-down	2~60 min, off
IP Rating	IP55
Date and Time	Yes
General	
Power	AC Adapter, 100-240 V AC input, DC 9 V output
Dimensions	243x195x68 mm
Weight	901 g(1.98 lb)



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