PRODUCT CATALOG

PH/ION METER BMET-503

CE ISO9001 CERTIFIED

www.biolabscientific.com

PH/ION METER BMET-503

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-503 PH/ION METER

SPECIFICATIONS

Model	BMET-503
pH	
Range	-2.00 to 20.00 pH
Resolution	0.1, 0.01 pH
Accuracy	± 0.01 pH
Calibration Points	Up to 5
Standard Customization	Yes
Standard Recognition	NIST, GB and DIN buffers
mV	
Range	-2000.0 to 2000.0 mV
Resolution	0.1 mV
Accuracy	± 0.3 mV or ± 0.1 % of reading whichever is greater
pX	
Range	- 2.00 to 20.00
Resolution	0.1, 0.01 pX
Accuracy	±0.02 pX
Calibration Points	Up to 5
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	± 0.5 %
Calibration Points	Up to 5
Temperature	
Range	-5 to 110 °C, 23 to 230 °F

Unit	°C, °F
Resolution	0.1
Accuracy	± 0.2
Measurement	
Reading Mode	AutoRead(Fast, Medium,Slow), Timed, Continuous
Reading Prompts	Reading, Stable, Locked
Temp. Compensation	ATC, MTC
Data Management	
Data Storage	500 results each
GLP Features	Yes
Inputs	
pH Electrode	BNC(Q9)
Temp./DO Probe	4-pin aviation connector
Outputs	
USB	PC
RS 232	printer
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, DC 9 V output
Dimensions	242x195x68 mm
Weight	900 g(1.98 lb)

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