



PH/ION METER BMET-505

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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-505 PH/ION METER



SPECIFICATIONS

Model	BMET-505
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
Temperature	
Range	- 5 to 130 °C
Unit	°C
Resolution	0.1
Accuracy	± 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
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)



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