



PH/ION METER BMET-507

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PORTABLE PH/ION METER

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 membranes of a measuring device. A sensor electrode and a reference electrode are used to measure the ion concentration in a solution.



SPECIFICATIONS

Model	BMET-507
pH	
- Range	-2.000 to 20.000 pH
Resolution	0.1, 0.01, 0.001 pH
Accuracy	± 0.002 pH
Calibration Points	Up to 8
Standard Customization	Yes
Calibration Reminder	Yes
Standard Recognition	USA, NIST, MERK, JIS, GB and DIN buffers
Slope Limit	Yes
mV/ORP	
- 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	
- Calibration Points	Up to 6
ISE	
- Unit	mol/L, mmol/L, g/L, mg/L, µg/L
Temperature	
- Relative Accuracy	± 0.2
Measurement	
- Reading Mode	AutoRead (Fast, Medium, Slow), Timed, Continuous
- Reading Prompts	Reading, Stable, Locked
Data Management	
- Data Storage	1000 Groups
- GLP Features	Yes
Inputs	
- pH Electrode	BNC(Q9)

- Temp./DO Probe	4-pin aviation connector
Outputs	
- USB	USB 2.0 flash memory device, PC, scanner
- Bluetooth	printer
Display Options	
- Backlight	Yes
- Auto Shut-down	300, 600, 1200, 1800, 3600 sec, off
- IP Rating	IP65
General	
- Power	AC Adapter, 100-240 V AC input, DC 5 V output
- Dimensions	90x255x40 mm
- Weight	500 g (1.1 lb)
Alt Name	Portable pH/Ion Meter



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