



## PH/ION METER BMET-505

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## BENCHTOP 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-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	
- EH ORP Mode	Yes
- ORP Calibration Points	1~2 custom point (relative mV)
pX	
ISE	
- Unit	mol/L, mmol/L, g/L, mg/L, µg/L
Temperature	
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)
Alt Name	Benchtop pH/Ion Meter



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