



PH/ION METER BMET-503

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



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	
pX	
ISE	
- Unit	mol/L, mmol/L, g/L, mg/L, µg/L, ppm
Temperature	
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)
Alt Name	Benchtop pH/Ion Meter



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