



# Benchtop Ion/pH/mV/°C Meter



## **Safety Features:**

- > During the pH mode, Up to 5 points push-button calibration with auto-buffer recognition.
- > Selectable pH buffer standards and temperature units.
- Automatically calculates and displays electrode slope after calibration.
- > During the ion mode, 2 to 5 points push-button calibration from low to high concentrations
- > Direct readout ion concentration simplifies the elaborate measurement process.
- ➤ Automatic Temperature Compensation (ATC) ensures highly accurate measurements over the entire range.
- ➤ Automatic endpoint function freezes the stable measured values for easy reading and recording data.
- > Calibration due reminder prompts you to calibrate the meter regularly.
- > Help message as a operational guide to helps you understand how to use meter.
- > Setup menu lets user customizes buffer standards, calibration points, stability conditions, resolution, measurement units, date and time to meet measurement requirements.
- Reset function can resumes all settings to factory default values.
- > Built-in real-time clock stamps stored data to meets GLP standards.
- > Stored data can be transferred into computer via USB communication interface.



## **Safety Features:**

Model	BIM-340		
pH Range & Accuracy	-2.000 - 20.000pH & ±0.002pH		
Resolution	0.001,0.01,0.1pH(Selectable)		
Ion Concentration Range	0.001-19999 ppm,mg/L,mol/L (Selectable Depending on meas. Range of Ion Selective Electrode)		
Ion Concentration Accuracy	±0.5% Full Scale ( Monovalent),±1% Full Scale (Divalent)		
mV Range & mV Accuracy	11999.9 mV & ±0.2mV		
Temperature Range & Accuracy	0-105°C, 32-221°F & ±0.5°C,±0.9T		
Calibration Points	Ion / pH : Up to 5 Points		
pH Buffer Groups	USA (011.68,4.01,7.00,10.01 ,12A5), NIST (pH1.68,4.01 6.86,9.18,12.45), DIN (011.09,4.65,6.79,923,12.7 OR User Define)		
Memory and Output	500 data sets with Date/Time stamping, USB Communication interface.		
Connector & Hold Function	BNC & Selectable		
Temperature Compensation	0-100t,32-212 F,Automatic or Manual		
Stability Conditions	Low or High, Selectable		
Calibration due reminSder	1 to 31 days or Off		
Power Supply	DC 5V adapters, using AC 220V / 50Hz,		
Dimensions LxWxH (mm) & Weight	210 x 188 x 60 & 1.2kg		

Electrodes	Concentration Range ( molar)	ION SELECTIVE Limits (ppm)	ELECTRODES Temperature Ranget	Main Interferences
Calcium [Ca++]	10-1 to 5.10-7	4,010 to 0.02	5 to 50	Ba, Al, Sr
Chloride [ Cl- ]	1 to 5.10-5	35,500 to 1.8	5 to 50	I, Br, CN, S
Fluoride [ F- ]	10-' to 10-6	1,900 to 0.02	5 to 50	ОН
Nitrate [ NO3 ]	1 to 7.10-6	62,000 to 0.4	5 to 50	CI, NO
Bromide [ Br ]	1 to-5.10-6	81,000 to 0.4	5 to 50	I, S, CN
Sodium [Na']	1 to .10-5	23000 to 0.2	5 to 50	Li, K
Cadmium [Cd++]	1-1 to 10-6	11200 to 0.1	5 to 50	Ba, Cu, Ag, Hg
lodide [ N ]	1-1 to 10-5	127000 to 1.2	5 to 50	S, CN



## **Support & Services**





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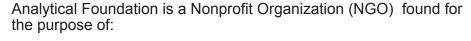
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