

LI 120

PRODUCT SPECIFICATION SHEET

# pH Meter



Table Top



LED Display



Electrode

Manual 2 point calibration for pH.

Manual Temperature Compensation.

Measures pH and EMF.

Manual %Slope correction.

### SALIENT FEATURES

- Accurate & Highly Stable.
- Elegantly Styled Table Top.
- Small, Laboratory Version.
- Usable for Potentiometric titrations, Oxidation- Reduction Potential (ORP or REDOX)

### APPLICATIONS

For pH measurements in Chemical laboratories for

- Food & Beverage processing, Dairies, Breweries and Distilleries.
- Purification of drinking Water, Pollution Control & Sewage Treatment, Aquaculture, Agriculture and Soil Testing.
- Pickling, Electroplating, Engraving, Anodizing and Polishing processes.
- Biological Samples.
- Pharmaceutical, Cosmetics, Cement, Coal, Ash, Fuel & Crude Oil, Greases, Glasses, Acids, Chemicals & other Industries.



Water



Agriculture



Food & Beverages



Chemical



Research



Academic



Clinical



Environmental & Pollution

# SPECIFICATIONS

## pH

Range	0 to 14
Readability	0.01
Accuracy	± 0.01
Repeatability	± 0.01
Stability	± 0.05 in 8 hrs

## EMF in mV

Range	± 1999
Resolution	1
Accuracy	± 0.1% of Range or ±2 counts
Repeatability	± 1

## SENSOR INTERFACE

Input Impedance	>10 <sup>12</sup> Ohm @ 25 °C
Receptacle	BNC for Combined Electrode & Measuring Electrode  Bs5 Banana for Reference Electrode

## DATA PRESENTATION

Readout	3½ digit 7 segment LED of 12.7mm height with Polarity Indication
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## SLOPE CORRECTION

80 to 105% Manual

## TEMP. COMPENSATION

0 to 100 °C Manual

## PHYSICAL DIMENSIONS

Size (WxDxH) in mm	160x 158 x 101 <sup>(1)</sup>
Weight (in kg)	Approx. 1.2 <sup>(2)</sup>

## ACCESSORIES SUPPLIED

With Instrument	Stand with Electrode holding clamp, Buffer tablets and Polythene Bottles.
At extra Cost	Combination pH Electrode, pH Glass Electrode, Silver Electrode, Calomel Electrode and Reference Electrode.

## POWER REQUIREMENT

230 V ± 10% AC, 50 Hz, 1φ, 6 VA Max.

<sup>(1)</sup> Excluding 290 mm long Electrode Stand

<sup>(2)</sup> Including Instrument and Electrode Stand

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