



LI 120

PRODUCT SPECIFICATION SHEET



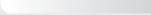








Table Top

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, Oxication- 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.



SPECIFICATIONS

рН	
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 ¹² 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

SLOPE CORRECTION 80 to 105% Manual

TEMP. COMPENSATION 0 to 100°C Manual

PHYSICAL DIMENSIONS

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

POWER REQUIREMENT

230 V \pm 10% AC, 50 Hz, 1 ϕ , 6 VA Max.

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.



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⁽¹⁾ Excluding 290 mm long Electrode Stand

⁽²⁾ Including Instrument and Electrode Stand