

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 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
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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 ⁽¹⁾
Weight (in kg)	Approx. 1.2 ⁽²⁾

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.

⁽¹⁾ Excluding 290 mm long Electrode Stand

⁽²⁾ Including Instrument and Electrode Stand

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www.elico.co

B-90, A.P.I.E., Sanathnagar, Hyderabad 500 018, Telangana., India

Tel +91 40 44451234 Fax +91 40 23771639 info@elico.co

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www.elico.co/60years

Ahmedabad

ahm@elico.co
+91 98241 75321

Bengaluru

blr@elico.co
+91 99000 28741

Bhopal

bpl@elico.co
+91 99930 96876

Bhubaneswar

bbr@elico.co
+91 99371 12105

Chennai

chn@elico.co
+91 98402 65797

Cochin

kel@elico.co
+91 81291 84400

Delhi

del@elico.co
+91 98710 06104

Guwahati

gau@elico.co
+91 91211 77451

Hyderabad

hyd@elico.co
+91 99896 25457

Kolkata

kol@elico.co
+91 91211 77452

Lucknow

lku@elico.co
+91 91980 01666

Mumbai

mum@elico.co
+91 77100 96111

Patna

pat@elico.co
+91 91211 77450

Visakhapatnam

vtz@elico.co
+91 99899 94532

