



pH Meter



Table Top



LED Display



Electrode

Microcontroller based with Automatic and Manual Temperature Compensation.

Programmable Calibration upto 3 Points for pH.

Measures directly pH, EMF and Temperature one at a time.

SALIENT FEATURES

- Accurate and highly stable.
- Elegantly Styled, Table Top, Small Laboratory version.
- User friendly with only two operation keys.
- 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 and Agriculture 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
Readability	1
Accuracy	± 1% of Range or ±1 count
Repeatability	± 1

TEMPERATURE

Range	0 to 100 °C
Resolution	0.1 °C
Accuracy	± 0.5 °C
Repeatability	± 0.1 °C
Compensation	Manual/Auto**

DATA PRESENTATION

Readout	3½ digit 7 segment LED of 12.7mm height with Polarity Indication
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SENSOR INTERFACE

Input Impedance	>10 ¹² Ohm @ 25 °C
Receptacle	BNC

PHYSICAL DIMENSIONS

Size (WxDxH) in mm	89 x 175 x 91 ⁽¹⁾
Weight (in kg)	Approx. 1 ⁽²⁾

SLOPE CORRECTION

80 to 120%

POWER REQUIREMENT

90-260 VAC, 50-60 Hz, 1ϕ, 9 VA Max.

ACCESSORIES SUPPLIED

With Instrument	Stand with Electrode holding clamp, Buffer tablets and Polythene Bottles.
At extra Cost	Combination pH Electrode and Temperature Probe.

* Conforms to IS 2711-1979

** Optional

⁽¹⁾ Excluding 300 mm long Electrode Stand

⁽²⁾ Including Electrode Stand

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