

**pH  
METER**

**LI 617**

PRODUCT SPECIFICATION SHEET



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		EMF in mV		TEMPERATURE	
Range	0 to 14	Range	± 1999	Range	0 to 100°C
Readability	0.01	Readability	1	Resolution	0.1 °C
Accuracy	± 0.01 *	Accuracy	± 1% of Range or ±1 count	Accuracy	± 0.5°C
Repeatability	± 0.01	Repeatability	± 1	Repeatability	± 0.1 °C
Stability	± 0.05 in 8 hrs			Compensation	Manual/Auto **

DATA PRESENTATION		SENSOR INTERFACE	
Readout	3½ digit 7 segment LED of 12.7mm height with Polarity Indication	Input Impedance	>10 <sup>12</sup> Ohm @ 25°C
		Receptacle	BNC

PHYSICAL DIMENSIONS		SLOPE CORRECTION	
Size (WxDxH) in mm	89 x 175 x 91 <sup>(1)</sup>		80 to 120%
Weight (in kg)	Approx. 1 <sup>(2)</sup>		

POWER REQUIREMENT		ACCESSORIES SUPPLIED	
90-260 VAC, 50-60 Hz, 1ϕ, 9 VA Max.		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

<sup>(1)</sup> Excluding 300 mm long Electrode Stand

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

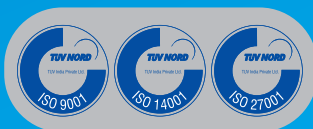


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