

LI 614

PRODUCT SPECIFICATION SHEET

# pH Analyser



Table Top



Touch Screen



Electrode

Microprocessor based pH Analyser with automatically controlled functions.

Open Calibration Option.

Programmable Calibration upto 5 points for pH with Memory backup.

Measures directly pH, EMF(mV) and Temperature(°C).

## SALIENT FEATURES

- Accurate & Highly Stable.
- Water tight, impact resistant and corrosion resistant.
- Parallel Temperature indication.
- Standards and Sample Storage Facility.
- Automatic/Manual Temperature Compensation.
- User friendly, Menu Driven.
- Optional PC Compatibility with USB Interface.
- Useful for Potentiometric and Redox measurements.
- Storage Pocket for pH Electrode.

## APPLICATIONS

### For Analysis of Water Quality in

- Drinking Water supply System, Surface & Sub surface Water for Agriculture, Aquaculture, Domestic and Industrial Process & Waste, Pollution Testing and Treatment Plans, Chemical, Pharmaceutical, Food, Beverage and Other Industries.



Water



Agriculture



Food & Beverages



Chemical



Research



Academic



Clinical



Environmental & Pollution

# SPECIFICATIONS

PARAMETER	pH	EMF (mV)	Temp (°C)
Range	-2 to 16	±2000.0	0 to 100
Readability/Resolution	0.001	0.1	0.1
Accuracy	±0.001*	±0.1	±0.2
Repeatability	±0.001	±0.1	±0.1

  

INPUT			
Sensor	CE/GE & RE	CE/GE & RE	Pt100
Impedance@25°C	>10 <sup>13</sup>	>10 <sup>13</sup>	—
Receptacle	BNC	BNC	BNC

TEMPERATURE COMPENSATION	
Range	0 to 100°C Auto / Manual
Readability	± 0.1 count

DISPLAY
5" TFT Touch Color Graphical

PHYSICAL DIMENSIONS	
Size (WxDxH) in mm	265 x 162 x 85 <sup>(1)</sup>
Weight (in kg)	Approx. 2

ACCESSORIES SUPPLIED	
With Instrument	Electrode Stand with holding clamp, Buffer tablets, Sample Containers & RTD Probe.
At extra Cost	Combined pH Electrode, Reference Electrode, Glass Electrode, Metallic Platinum & Silver Electrode for End Point detection in titration.
	9V DC adapter

POWER REQUIREMENT
90-260 V AC, 50-60 Hz, 1φ, 15 VA Max.

\* Conforms to IS2711-1979. <sup>(1)</sup> Excluding 300 mm height electrode stand of 0.1 kg weight.

RE : Reference Electrode      CE : Combined pH Electrode      GE : Glass Electrode



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