

**µP BASED
pH ANALYSER
LI 614**



SALIENT FEATURES AND BENEFITS

- Microprocessor Based, With Printer Interface
- Optional PC Compatibility with RS 232C Interface
- User friendly, Menu driven
- Measure directly pH, EMF, Temperature one at a time
- Open calibration option
- Programmable Calibration upto 3 Points for pH with Memory back-up
- Standards and Samples storage facility
- Useful for Potentiometric & Redox measurements
- Automatic/Manual Temperature Compensation
- Accurate & Highly Stable

APPLICATIONS

For Analysis of pH in

Water (Drinking, Agriculture, Aquaculture, Domestic & Industrial process and waste: Pollution Testing & Treatment Plant) and Ionic concentration of various elements in water and various aqueous & non aqueous solutions (Used in various industrial processes).

SPECIFICATIONS

PARAMETER

	pH	EMF in mV	Temp.In°C
Range	0 to 14	± 2000.0	0 to 100
Accuracy	± 0.001	± 0.1	± 0.2
Resolution	0.001	0.1	0.1
Repeatability	± 0.001	± 0.1	± 0.1

INPUT

Sensor	CE/GE/RE*	CE/GE/RE	Pt 100
Impedance	>10 ¹³	>10 ¹³	---
Receptacle	BNC	BNC	BNC

TEMPERATURE COMPENSATION

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

READOUT

	2 line 24 character dot matrix backlight LCD module
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* Combined pH Electrode/Glass Electrode/Reference Electrode