

Product Name :
Microprocessor PH System**Product Code :**
ELABANALYTICAL0046**Description :**

Microprocessor PH System

Technical Specification :

Measure pH, mV & Temperature
Highly Accurate & Easy to Operate
Auto Temperature Compensation Facility
7 Segment Bright Red LED Display
Soft touch membrane keys

Microprocessor pH System is a solid state instrument designed to provide the precise pH, mV and temperature measurements.

It has auto buffer recognition for 4.00, 7.00 and 9.2 pH buffers and auto 2 or 3 points buffer calibration.

It has 7 segment bright red LED display.

The instrument uses the latest microprocessor technology and advanced engineering techniques so as to give enhanced accuracy and reproducibility.

The system has 6 soft touch membrane type keys for ease of operation.

The calibration is retained even after the instrument is switched OFF

The instrument is extremely useful for agricultural and soil analysis laboratories, swimming pools, water quality control in boiler feed water, water works department, fertilizer plants, petroleum refineries, breweries, water purification plants etc.

Range: 0 - 14.00 pH

Resolution: 0.01 pH
Accuracy: ± 0.01 , ± 1 Digit
Relative stability: 0.02 pH/Hour
Acceptable Electrode Slope: 80% - 120%
Temperature Compensation: 0 - 100 oC Auto/Manual
Temperature Sensor: Semi-Conductor Type
Calibration: Auto (2 or 3 point)
Auto Buffer Recognition 4.00, 7.00 & 9.20 pH
Readout 7-Segment Bright Red LED display(3 for Temperature and 4 for pH/mV)
Key Board: 6 Keys, Soft Touch Membrane Type
Power supply: 230V + 10% AC, 50 Hz.
Accessories: Combination pH Electrode, Buffer Tablets (7.0 and 4.0 pH), Temperature Probe, Electrode Stand, Mains Lead, Operation Manual and Dust Cover

 **LAB ENGINEERING**

Elab Engineering Equipments Manufacturers