

**Product Name :**  
Microprocessor PH Meter

**Product Code :**  
ELABANALYTICAL0045



## Description :

Microprocessor PH Meter

## Technical Specification :

Measures pH, mV and Temperature  
16 x 2 Line Alphanumeric LCD  
Soft Touch Membrane Keys  
Auto Buffer Recognition Facility  
3-Point Calibration  
Storage for 90 samples  
Printer Attachment Facility

Microprocessor Based pH Meter is a high performance microcontroller based system for accurate, reliable & precise pH, mV and Temperature measurements.

The microprocessor technology and advanced engineering techniques used, give enhanced accuracy and reproducibility.

The system has user friendly prompts which guide you through out the measurement process.

The instrument has in-built error codes which alert you to incorrect buffers, over range and procedural errors. It has auto buffer recognition facility.

Both auto and manual temperature compensation facility is available.

It has 8 soft touch membrane type keys for ease of operation.

Storage facility for 90 samples has been provided, which are retained in the system's memory.

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It also has the provision for the attachment of any dot matrix printer.

The instrument is extremely useful for Chemical and Pharmaceutical industries, Agriculture 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. interface can also be provided on request.

Range: 0 - 14.00 pH 0 - 14.000 pH

Resolution: 0.01 pH 0.001 pH

Accuracy:  $\pm 0.01$  pH,  $\pm 1$  Digit  $\pm 0.001$  pH,  $\pm 1$  Digit

Temperature Compensation: 0 - 100 °C Auto/Manual

Auto Buffer Recognition: 4.00, 7.00 and 9.20 pH

Display: 16 x 2 Line Alphanumeric LCD with Backlit

Keyboard: 8 Keys, Soft Touch Membrane Type

Printer Interface: Centronics Interface for any Dot Matrix Printer

Storage: Upto 90 Samples

Power: 230 V  $\pm$  10% AC, 50 Hz

Accessories: Combination pH Electrode, Temperature Probe, pH Electrode Stand, Buffer Tablets (7.0 and 4.0 pH), Operation Manual and Dust Cover.

 **LAB ENGINEERING**

**Elab Engineering Equipments Manufacturers**