

**Product Name :**  
Microprocessor PH-EC-TDS Meter

**Product Code :**  
ELABANALYTICAL0053



### Description :

Microprocessor PH-EC-TDS Meter

### Technical Specification :

16x2 Alphanumeric LCD with Backlit  
pH, EC, TDS & Temperature Measurements  
Auto Temperature Compensation  
Auto Buffer Recognition in pH Mode  
Auto Ranging Facility in EC Mode  
Programmable Ref. Temp & Temp. Coeff in EC Mode  
90 Samples Storage Facility  
Printer Attachment Facility

Microprocessor Based pH-EC-TDS Meter is a solid state instrument designed for precise pH, EC, TDS and Temperature measurements.

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

The system has user friendly prompts, which guide you throughout the measurement process.

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

It has the storage facility for 90 samples, which are retained in the memory even when the system is switched Off.

Provision has also been made for attachment of any dot matrix printer with centronics interface so that any of the stored result can be printed.

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

Range Selection -

Range: 0 - 14.00 pH

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

Resolution: 0.01 pH

Cell constant: -

Temperature compensation: Auto/Manual (0 - 100 oC)

Temperature Coefficient: -

Readout: 16 x 2 Line Alphanumeric LCD display

Storage: Up to 90 Samples

Key board: 8 Keys, Soft Touch Membrane Type

Printer Interface: Dot Matrix Printer with Centronics Interface

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

Accessories: pH Combination Electrode, pH Buffer Tablets (4.00 & 7.00 pH), Conductivity/TDS Cell,

Temperature Probe, Electrode Stand, Mains Lead, Operation Manual, Dust Cover

 **LAB ENGINEERING**

**Elab Engineering Equipments Manufacturers**