

**Product Name :**  
Microprocessor Spectrophotometer

**Product Code :**  
ELABANALYTICAL0009



### Description :

Microprocessor Spectrophotometer

### Technical Specification :

Microprocessor Based  
4 Digit Seven Segment Bright Red LED Display  
Easy to Use, Press one button for easyswitching of %T, Abs., Conc. modes  
Auto Zero and Blank  
Printer Attachment Facility  
PC Connectivity through USB  
Large Sample Compartment, can accommodate 5-100 mm path length cuvettes with optional holders.

Microprocessor Spectrophotometer is a solid state microcontroller based instrument designed for quick and accurate spectrophotometric analysis of any concentration. It operates at a wavelength range of 325 nm to 1000 nm. The output is available on a 4 Digit seven segment bright red LED display in terms of %Transmission (%T), Absorbance (Abs.), Concentration (Conc.) and Kfactor. The instrument uses the latest microprocessor technology and advanced engineering techniques so as to give enhanced accuracy and reproducibility.

This is the most economical, reliable, rugged and accurate instrument. The system has 4 soft touch membrane type keys for ease of operation. It has a 'Mode' key for easy switching of various operating modes. Facility for automatic setting of zero / blank is provided.

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Provision has also been made for attachment of any dot matrix printer using centronics interface and PC connectivity through USB port.

System has a 4-Position rapid cuvette changer (Test Tube Holder) selector.

 **LAB ENGINEERING**

**Elab Engineering Equipments Manufacturers**