Product Name :	**Product Code :**
Microprocessor Photo Colorimeter	ELABANALYTICAL0048

Description :

Microprocessor Photo Colorimeter

Technical Specification :

Highly Accurate & Stable
Range 400 To 700 nm
16 X 2 Line Alphanumeric LCD Display
Printer Attachment Facility
Storage For 100 Samples
Soft Touch Membrane Keys

Microprocessor Photo Colorimeter is a compact and easy to operate instrument for Photo Colorimeter analysis of any concentration.
The output is available on a 16 x 2 line alphanumeric backlit LCD display in terms of %Transmission (%T), Absorbance (Abs.), Concentration (Conc.), and KFactor.
This instrument has 100 sample storage memory and printer output facility for printing data with any dot matrix printer.
The use of microcontroller has made it extremely versatile and accurate instrument. 10 mm pathlength matched test tubes are used for sample and blank.
Facility has been provided to store the last KFactor and the standard concentration value.
User can also enter any known 'Factor' for a test, thereby eliminating the need to re-run the standards again and again

The use of high class standard wide range glass filters covering 400 to 700 nm give extremely good results.

The filter setting is controlled by a rotating disc having 8 filters.
An automatic shutter is provided to stop the light reaching the photocell, when test tube is not inserted in the tube holder.
This increases the life of photocell tremendously.

Resolution: %T: 1, Abs: 0.01, Conc.: 0.01, KFactor: 0.01
Photometric Range: %T: 0 - 100, Abs: 0 - 1.99,Conc.: 0 - 1999, KFactor: 0 - 1999
Detector: Wide range Silicon Photodiode/Photocell
Display: 16 x 2 line alphanumeric backlit LCD display
Keyboard: Soft Touch Membrane Keys
Data Storage: Upto 100 Samples (0 - 99)
Light Sources: 6.8 V, 0.3 Amp Tungsten Lamp
Sample System: 10 mm pathlength matched glass test tube
Filters: 400, 450, 490, 520, 540, 570, 620, 680 nm
Printer Interface: Centronics Parallel Printer interface for Dot Matrix Printer
Serial Interface: RS-232C interface (optional available on request)
Power: 230 V ± 10% AC, 50 Hz
Accessories: Matched Test Tube: A set of 5, Spare Lamp, Mains Lead, Operation Manual and Dust Cover.

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Elab Engineering Equipments Manufacturers