



Product Code . JL-BTI-2151

Microprocessor Photo Colorimeter

Description

Microprocessor Photo Colorimeter

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 K Factor.

This instrument has 100 sample storage memory and printer output facility for printing data with any dot matrix printer.

Microprocessor Photo Colorimeter Manufacturer India, Microprocessor Photo Colorimeter Exporters, Pharmaceutical Instruments Microprocessor Photo Colorimeter, Pharmaceutical Instruments Exporters India, Pharmaceutical Instruments Suppliers, Pharmaceutical Instruments Manufacturers

The use of microcontroller has made it extremely versatile and accurate instrument.

10 mm path length matched test tubes are used for sample and blank.

Facility has been provided to store the last K Factor 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.

Specifications:-

Wavelength Range	400 - 700 nm
Resolution	%T: 1, Abs: 0.01, Conc.: 0.01, K Factor: 0.01
Photometric Range	%T: 0 - 100, Abs: 0 - 1.99, Conc.: 0 - 1999, K Factor: 0 - 1999
Detector	Wide range Silicon Photodiode/Photocell
Display	16 x 2 line alphanumeric backlit LCD display
Keyboard	Soft Touch Membrane Keys
Data Storage	Up-to 100 Samples (0 - 99)
Light Sources	6.8 V, 0.3 Amp Tungsten Lamp
Sample System	10 mm path length 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 \pm 10% AC, 50 Hz
Dimensions (L x B x H)	240 x 254 x 90 mm (Approx.)
Weight	2.5 Kg (Approx.)
Accessories	Matched Test Tube: A set of 5, Spare Lamp, Mains Lead, Operation Manual and Dust Cover.

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