

Product Name :
Digital Photo Colorimeter

Product Code :
ELABANALYTICAL0044



Description :

Digital Photo Colorimeter

Technical Specification :

1 ml sample volume
Range from 400 to 700 nm.
Direct Concentration facility
Highly stable and Accurate
Battery/Mains Operated colorimeters also available

Digital Photo Colorimeters – 312 & 313 are the finest colorimeters that combine convenience in operation with high precision & accuracy in analysis.

Filter Photo Colorimeters – 321 & 322 are also available. These analog colorimeters give results in the form of %Transmission (%T), Absorbance (Abs.)

High standard glass filters covering complete visible range of 400 to 700 nm are mounted on a rotating disc. Highly sensitive photosensor and use of latest IC technology makes the instruments highly rugged, accurate & economical in maintenance.

A minimum sample volume of 1ml is required to carry out the analysis.

Provision has been made to switch on the lamp source only when required, thereby increasing the life of the photocell.

The instruments are extremely useful for quantitative estimation of several chemical substances including blood chemistries in chemical/clinical labs, pharmaceutical industries, medicine plants, water treatment plants, agriculture universities etc.

312 – 8 Filters,313 – 5 Filters 321 – 8 Filters,322 – 5 Filters

Minimum Volume: 1 ml

Display: 2 ½ Digit 7-Segment Red, LED, Analog Meter

Range: 400 - 700 nm

Output: Abs: 0 - 1.99 %T: 0 - 100, Abs: 0 - 1.99

Resolution: Abs: 0.01 %T: 1, Abs: 0.01

Accuracy: 0.5 % FS ± 1 Digit 2 % FS ± 1 Digit

Detector: Photocell/Diode

Filters: 8-Filters: 400, 450, 490, 520, 540, 570, 620, 680 nm5-Filters: 450, 490, 540, 620, 680 nm

Light Source: 6.8 V, 300 mA Tungsten Lamp

Power: 230 V ±10% AC, 50 Hz

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