



SPECTRONICS INDIA

AN ISO 9001:2015 &
CE CERTIFIED COMPANY

SI 129

FULLY AUTOMATIC COLORIMETER



Fully Automatic Colorimeter is compact and easy to operate instruments for colorimetric analysis of a solution of any concentration. Output is available on the display in terms of optical density (absorbance). This is a unique system that combines convenience with accuracy and precision in analysis.

This instrument includes a wide range of filter covering wavelength from 400nm to 700nm in the form of built-in-filters. The filter setting is controlled by a rotating disc.

Automatic shutter is provided to avoid fatigue of the photocell. When put the sample Tube light passes through the solution to the photocell and measurement is taken Light source is refocused tungsten lamp/Bright LED.

SALIENT FEATURES

- Absorbance & %T Display
- Auto Zeroing & WL Filter Selection Facility
- Highly Accurate & Stable
- Range 400 to 700 nm
- Soft Touch Membrane Type Key.

ACCESSORIES

- Glass Test Tubes
- Operation Manual
- Dust Cover



TECHNICAL SPECIFICATION

| | |
|------------------|--|
| Wavelength Range | 400 to 700 nm |
| Resolution | 1%T. 0.01 ABS |
| % Transmittance | 0-100% (Resolution 1%) |
| Absorbance | 0-1.99 (Resolution 0, 0.01) |
| Detector | Silicon Photo Diode/Cell |
| Display | Digital Alphanumeric BL LCD Display with 16 character x 2 lines For %T, OD and Wave Length |
| Keyboard | Soft Touch Membrane type |
| Auto Zeroing | Available |
| Light Source | Solid – State Light Source |
| Sample System | 10 mm path length matched glass test tubes |
| Filters | 400,430,480,500,520,540,620,680 nm in built RGB LED Based with Soft Key Selection |
| Power Supply | 230V ± 10% AC, 50 Hz |
| Dimension | 245mm x 185mm x 110mm |
| Weight | 2 Kg. (With packing 2.5 kg.) (Approx.) |

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