

# μp Photo Colorimeter

312, 313

## Advantages

- Using Latest Microcontroller
- 1ml sample volume
- Range from 400 to 700nm
- Auto Zero Facility
- Highly Stable & Accurate
- Battery/Mains operated Colorimeter also Available



1 Year Warranty

Digital Photo Colorimeters Model 312 and 313 are the finest colorimeters that combine convenience in operation with high precision & accuracy of Absorbance analysis. They use the latest microcontroller technology to give results in the form of Abs.

High standard glass filters covering 400-700 nm are mounted on a rotating disc. Highly sensitive photo sensor and use of latest IC technology makes the instruments highly rugged. A minimum sample volume of 1ml is used. In-built shutter increases the life of the photocell. It is extremely useful for blood chemistries in chemical /clinical labs., pharmaceutical industries, medicine plants, water treatment plants, agricultural universities etc.



# μpPhoto Colorimeter

## Technical Data

MODEL	312 and 313
HIGH STD. GLASS FILTERS	312 - 8 Filters 313 - 5 Filters
MINIMUM VOLUME	1 ml
DISPLAY	2 ½ digit LED
RANGE	400 to 700 nm
OUTPUT	OD : 0 to 1.99
RESOLUTION	OD : 0.01
AUTO ZERO FACILITY	Available
ACCURACY	0.01Abs
DETECTOR	Photo Cell/Photo Diode
LIGHT SOURCE	LED
POWER	230 V ± 10% AC, 50Hz
DIMENSIONS	195 X 235 X 105 mm
WEIGHT	2 Kgs. (Approx.)
FILTERS	8 filters - 400 450 490 520 540 570 620 680 nm 5 filters - 450 490 540 620 680 nm
ACCESSORIES	Test Tube Set of 5 , Dust Cover, Instruction Manual.

All these colorimeters can be supplied in Battery cum mains operation at little additional cost.

## Product Range

Semi Auto Analyser, Single Beam and double Beam UV/VIS Spectrophotometer, Flame Photometers, Haemoglobin Meter, Digital pH Meter, Digital Photo Fluorometer, Digital Conductivity Meter, Digital Photo Colorimeter, Turbidity Meter, Auto KF Titrimer, Digital DO Meter, Digital Conductivity Meter, Digital TDS Meter, Temperature Indicator, Digital Telethermometer, Water & Soil Analysis Kit, Digital Salinity Meter, Digital Colony Counter, Portable pH Meter, Portable Conductivity Meter, Portable TDS Meter, Portable DO Meter, Digital Tablet Disintegration Apparatus, Digital Friability Test Apparatus Tablet Dissolution Test Apparatus, Melting Point Apparatus, Student Microscope, Binocular microscope, Medical Microscope, Co-Axial Microscope.

