

Visible Spectrophotometer

3305

Advantages

- Large Sample Room to Place 50mm Cuvette
- Digital Display the Measuring Value
- Auto Light Door and Zero Setting
- The Instrument Adopts Imported tungsten Lamp



1 Year Warranty

SPECTROPHOTOMETER (VISIBLE), is a solid state microcontroller based instrument designed for quick and accurate spectrophotometric analysis of any concentration. It operates at a wavelength range of 340 nm to 1020 nm. The output is available on a 4 Digit seven segment LED display in terms of %Transmission (%T), Absorbance (Abs.), Concentration (Conc.) and Kfactor. The instrument uses the latest microprocessor technology and advanced engineering techniques so as to give enhanced accuracy and reproducibility.

This is the most economical, reliable, rugged and accurate instrument. The system has 4 soft touch membrane type keys for ease of operation. It has a 'Mode' key for easy switching of various operating modes. Facility for automatic setting of zero / blank is provided.

System has a 4-Position rapid cuvette changer (Test Tube Holder) selector.



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Technical Data

MODEL	3305
OPTICAL SYSTEM	Czerny-turner CT grating monochromator, 1200/mm
WAVELENGTH RANGE	340-1020 nm
SPECTRAL BANDWIDTH	6 nm
WAVELENGTH ACCURACY	± 3 nm
WAVELENGTH REPEATABILITY	≤1 nm
MEASUREMENT RANGE	0-199.0%T, 0-1.999A, 0-1999C
PHOTOMETRIC ACCURACY	0.5%T
PHOTOMETRIC REPEATABILITY	± 0.3%T @220nm
MEASURING OPTICAL PATH	100 mm
STRAY LIGHT	± 1.0%T (340 nm)
STABILITY	± 0.004 A/h(500 nm preheat 1 hour)
DISPLAY MODES	4 LCD
BASIC MEASUREMENT	T, A, C
LIGHT SOURCE	6V10W
OPERATING VOLTAGE	220V/110VAC,50-60Hz

Product Range

Semi Auto Analyser, Double Beam UV/VIS Spectrophotometer, Single Beam UV/VIS Spectrophotometer, Flame Photometer, Haemoglobin Meter, Photo Colorimeter, pH Meter, Conductivity Meter, TDS Meter, DO Meter, Salinity Meter, Turbidity Meter, Nephelometer, Colony Counter, Karl Fischer Moisture Titrator, Fluorometer, Dissolution Test Apparatus, Disintegration Test Apparatus, Friability Apparatus, Melting Point Apparatus, Bulk Density Appartus, Telethermometer, Temperature Indicator, Water & Soil Analysis Kit, Portable pH Meter, Portable Conductivity Meter, Portable TDS Meter, Portable DO Meter, Student Microscope, Binocular Microscope, Medical Microscope, Co-Axial Microscope.