

Product Code . JL-S-2161



Double Beam Spectrophotometer

Description

Double Beam Spectrophotometer

Features:-

Newly Designed Excellent Optical System

320*240 LCD Display

High-Performance

Automatic Control Systems

Printer Attachment Facility

PC Connectivity through USB

Double Beam Spectrophotometer Manufacturer India, Double Beam Spectrophotometer Exporters, Pharmaceutical Instruments Double Beam Spectrophotometer, Pharmaceutical Instruments Exporters India, Pharmaceutical Instruments Suppliers, Pharmaceutical Instruments Manufacturers

Spectrophotometer (Double Beam) is a solid state microprocessor based instrument designed for quick and accurate spectro photometric analysis of any concentration.

It operates at a wavelength range of 190 nm to 1100 nm.

The use of diffraction grating in the monochromatic produces a linear spectrum.

The grating having very high resolution of 1200 lines/mm ensures a narrow bandwidth.

The instrument is equipped with 5 Inches 320 x 240 dots graphical lcd the which makes the results easy to read.

User can see the test curves on the graphical lcd screen.

The system has soft touch numeric keys with complete numeric key that provides a convenient interface for entering numeric values.

The instrument output is available in terms of % Transmission (%T), Absorbance (Abs.) & Concentration (Conc.).

The instrument is suitable for clinical lab applications, pharmaceutical and biochemica, as well as routing applications such as quantitative analysis, kinetics, wavelength scan, multi-wavelength and DNA/Protein analysis.

The instrument has sample storage memory and printer output port for printing of data with any dot matrix printer.

The PC can be connected using the USB Interface.

Provision for 8 position auto cell changer with 10 mm path-length curette is provided.

The instrument uses the latest microprocessor technology and advanced engineering techniques so as to give enhanced accuracy and reproducibility.

Specifications :

SPECTRAL :

Wavelength Range	190~1100nm
Spectral Bandwidth	2nm
Wavelength Accuracy	±0.1 nm (656.1nm D2); ±0.3nm (full wavelength range)
Wavelength Repeatability	±0.1 nm
Photometric Accuracy	±0.3%T
Photometric Range	-0.4A-4A
Stray Light	± 0.05%T
Stability	± 0.001A/h
Baseline Flatness	± 0.001A
Display	320*240 LCD
Printer	Optional
Wavelength Setting Method	Automatically
Detector	Silicon Photovoltaic
Drift	± 0.0004 Abs/h
Light Source	Imported long-life tungsten lamp and Deuterium Lamp
Data Output	USB Export
Power	AC220/50Hz or AC 110/60Hz
Weight	28 Kg. (Approx.)

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