



Spectro BS-100 Plus



BS-100 is a Microprocessor Biochemical Spectrometer, which measures the biological indicators, such as ALT, AST, GLU, TP, ALB, etc. Users input simple parameter settings and reading information through keypad; for the complex projects, user inputs them as a whole after composed by an external computer.

Colorimetric system: flowing colorimetric cells and 10×10 fluorescence cells.

The following testing methods can be used: Endpoint, Fixed time, Kinetics, Absorbance and Multi-Calibration (with the aid of HG-100 software)

Features

- Microprocessor controlled
- Large LCD Display
- Auto transmission, Absorption, Concentration and Factor
- Silicon Photodiode Detector
- Uses 10x10 Fluorescence cells
- Interface RS232 to link to computer
- Programmable
- Wide continuous wavelength range.
- Built in printer
- Built in flow through system
- Temperature control (Room to 37° C)
- 110/220V Power source Compatible
- Computer System is optional (NOT INCLUDED)
- Kinetic test

Accessories

- 2 adaptors for 10x10 mm. square cells
- 2 optical glass cells 10x10 mm.
- Dust cover.
- Instruction Manual.
- 1 Zero absorption cell.
- 1 Power Cable

Technical Specifications

Display:	LCD	Wavelength:	325nm. to 1000nm.
Resolution:	0.0001Abs	Printer:	Thermal Printer, 57mm. Thermal Paper
Light Source:	Tungsten Halogen Lamp, 6V/10W	Weight:	7 Kg.
Temperature Control:	Room temperature, 37°	Photometric Accuracy:	1% T
Fluorescence Cell:	30µl quartz flowing colorimetric cell and 10x10 standard absorption cells	Dimensions:	332mm.(L) x 285mm. (W) x 167mm. (H)
Sample Volume:	500-2500µl	Power Supply:	Adapter: 100 VAC - 240 VAC, 50/60Hz Instrument Input : 12V DC