BioLAB

PRODUCT CATALOG

DOUBLE BEAM UV VISIBLE SPECTROPHOTOMETER BSDBU-102

CE ISO9001 CERTIFIED

www.biolabscientific.com

DOUBLE BEAM UV VISIBLE SPECTROPHOTOMETER BSDBU-102

UV-VIS SPECTROPHOTOMETER

Double beam optical system.
The Main unit and PC software can independently implement functions of Quantitative;Kinetics;Wavelength Scan; Multi Wavelength; DNA/Protein and Data Printing,PC software can complete the function of data processing.
Suspended posture optical system design, strengthen and thicken the bottom plate to eliminate the vibration or transformation's impact on the optical system.
24-bit high speed and high precision A/D conversion, and improve the sensitivity of the instrument.
The core components are imported from Germany and Japan.
Optical system based on optical system, based on top structure design, top technological requirements and top raw materials.
Standard with PC software.

SPECIFICATIONS

Model	BSDBU-102
Wavelength Range	190-1100nm
Spectral Bandwidth	0.5/1/2/4/5nm
Wavelength Accuracy	±0.1nm (D2 656.1nm); ±0.3nm (Full range)
Wavelength Reproducibility	≤0.1 nm
Photometric Accuracy	±0.2 %T
Photometric Repeatability	≤0.15 %T
Straylight	≤0.03 %T
Stability	
Baseline Flatness	±0.001 A
Noise	±0.0005 A
Photometric Range	0-200%T, -4.0-4.0A, 0-9999C
Wavelength setting mode	Automatic
Scanning speed	High/Middle/Low
Output	USB Port
Printer port	Parallel Port
Display	LCD(320*240)
Light Source	Deuterium Tungsten Halogen Lamp
Detector	Silicon Photodiode
Power	220V AC ±10%/50Hz or 110V AC / 60Hz
Dimension	625x430x210 mm
Weight	28 kg
Automatically bandwidth can be adjusted	0.5/1.0/2.0/4.0/5.0
Alt Name	Double-Beam UV-VIS Spectrophotometer

Biolab Scientific Ltd.
Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada
Email: info@biolabscientific.com | Website: www.biolabscientific.com