



## DOUBLE BEAM UV VISIBLE SPECTROPHOTOMETER BSDBU-202-B

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Designed to conserve benchspace, our product offers the measurement range of 190-1100nm at bandwidth of 1.8nm and 2nm. Engineered for a wide range of applications, our systems provide dependable performance and reliable results. It produces the photometric range of -0.3 to 3 A; 0-200 %T and photometric accuracy of  $\pm 0.2\%$ T which makes it suitable for various quantitative assays.

Used in Most suitable for quantitative determination assays and toxicological assays in environmental, industrial, pharmaceutical fields..

Also known as Vis Spectrometer, UV-Vis Spectrometer, Spectrometers, visible spectrophotometer.

## BSDBU-202-B DOUBLE BEAM UV VISIBLE SPECTROPHOTOMETER



Double light path design can prevent circuit fluctuation and stray light to ensure stability of the instrument

Multi functions like spectrum scanning, standard curve, kinetics, multi wavelength scanning, DNA/Protein testing can be operated directly on the pc

Unique 520mm long light path design greatly improved resolution and the bandwidth can reach 0.5nm

Multi functions operated directly on the spectrophotometer and display the test results' curve and data: wavelength scanning, standard curve, kinetics, multi wavelength scanning, DNA/Protein test

Uses a rigid 16mm diecast aluminium base as their optical mount to ensure the stability and reliability

All baseline, wavelength, dark current can be calibrated automatically to keep good running conditions

6 inches LCD display to show results and curves directly on the screen

Equipped with USB port to connect with a PC, the software comes standard with the instrument

## SPECIFICATIONS

Model	BSDBU-202-B
Wavelength Range	190-1100 nm
Wavelength Accuracy	$\pm 0.1$ nm at D2 656.1 nm, $\pm 0.3$ nm at all range
Wavelength Reproducibility	0.1 nm
Spectral Bandwidth	0.5, 1.0, 2.0, 4.0 nm (optional)
Photometric Range	-0.3-3 A, 0-200 % T, 0-9999 C
Photometric Accuracy	$\pm 0.2\%$ T (0-100% T)
Optical System	Double Beam (1200 Lines/mm Grating)
Photometric Repeatability	$\leq 0.1$ %T (0-100% T)
Stray Light	$\leq 0.03$ %T at 220 nm, 360 nm
Light Source	D2 Lamp / W Lamp
Stability	$\leq 0.0005$ A/h at 250 nm, 500 nm
Output	USB port & Parallel Port
Display	320*240 Dots LCD
Power Supply	AC 110/220 V, 50/60 Hz



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