



**DOUBLE BEAM UV VISIBLE
SPECTROPHOTOMETER BSDBU-203-C**

DOUBLE BEAM UV VISIBLE SPECTROPHOTOMETER BSDBU-203-C

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.

BSDBU-203-C DOUBLE BEAM UV VISIBLE SPECTROPHOTOMETER



- Unique Long light path design
- 520mm long light path greatly improved the wavelength resolution
- Advanced Stand-alone System with Multi Functions
- Spectrum scanning, Standard curve, Kinetics, Multi wavelength, DNA/Protein test can be operated directly on device and all corresponding curves and data can be displayed directly
- Rigid Structure, 16mm-thick Optical Base
- All optical components are fixed on a 16mm thick rigid die-cast aluminum board to promise higher stability and reliability
- One-button Automatic Calibration System
- One button auto calibration for baseline, wavelength and dark current to keep device in a good condition
- 6 inches High-Definition Large LCD Display
- Large LCD display, all data and graphs can be shown directly and clearly
- Easy Data Output by USB/Parallel Port
- USB Port: Connect to computer and operate through PC software (PC software is standard)
- Parallel Port: Connect to micro thermal printer to print test data(Micro thermal printer is optional)
- Powerful Software Functions
- Spectrum scanning, Standard curves, Kinetics, Multi wavelength scanning, DNA/Protein test can be operated directly on computer

SPECIFICATIONS

Model	BSDBU-203-C
Wavelength Range	190-1100 nm
Wavelength Accuracy	± 0.1 nm at 656.1 nm, ± 0.3 nm at all range
Wavelength Repeatability	≤ 0.1 nm
Spectral Bandwidth	0.5/1/2/4 nm
Photometric Range	-0.3-3 A, 0-200% T, 0-9999 C
Photometric Accuracy	$\pm 0.3\%$ T (0-100% T)
Photometric Repeatability	$\leq 0.1\%$ T (0-100% T)
Stability	≤ 0.001 A/30 min at 500 nm
Stray Light	$\leq 0.05\%T$ at 220 nm & 360 nm
Output	USB port & Parallel Port
Display	320*240 Dots LCD
Light Source	W Lamp & D2 Lamp

Detector	Silicon Photodiode
Power Requirements	AC110/220 V, 50/60 Hz



Biolab Scientific Ltd.

3660 Midland Avenue, Suite 300, Toronto, Ontario M1V 0B8, Canada

Email: info@biolabscientific.com | Website: www.biolabscientific.com