



**DOUBLE BEAM UV VISIBLE
SPECTROPHOTOMETER BSDBU-204-C**

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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.

BSDBU-204-C DOUBLE BEAM UV VISIBLE SPECTROPHOTOMETER



- Large HD Smart Touch Screen
- High sensitivity and user-friendly UI for easy operation
- Stand-Alone System with Multi Functions
- Spectrum scanning, Standard curve, Kinetics, Multi wavelength, DNA/Protein test can be operated directly on device without PC software
- Automatic 8-position Cell Holder
- Higher efficiency of experiment to save time
- Easy Printing
- Available to connect with general office printer directly (HP DeskJet 1111/1112/2723)
- USB Port, Fast Data Output
- All test data can be exported to USB disk directly
- Optional Bluetooth Module and PC software
- Bluetooth function and PC software are optional to meet different applications
- Large Sample Chamber, Multi Options of Accessories
- 1-10cm universal cell holder, test tube holder, film holder, integrating sphere, specular reflectance accessory, peltier/sipper system, etc
- High-quality Grating with High Performance
- Lower stray light, higher stability and reliability
- 16mm-thick Optical Base, Rigid Structure
- All optical components are fixed on a 16mm thick rigid die-cast aluminum board to promise higher stability and reliability

SPECIFICATIONS

Model	BSDBU-204-C
Wavelength Range	190-1100 nm
Wavelength Accuracy	± 0.1 nm at D2 656.1 nm, ± 0.3 nm at full 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); ± 0.002 Abs (0-0.5Abs); ± 0.004 Abs (0.5-1.0Abs)
Photometric Repeatability	$\leq 0.1\% T$ (0-100% T); ≤ 0.001 Abs (0-0.5Abs); ≤ 0.002 Abs (0.5-1.0Abs)
Stability	≤ 0.001 A/h@250 nm & 500 nm, 2 hrs warm-up
Stray Light	$\leq 0.05\%T$ at 220 nm & 360 nm
Output	USB Port or Bluetooth (Optional)

Optical System	Double Beam
Light Source	W Lamp & D2 Lamp
Control Mode	Stand-alone System or PC Software (Optional)
Display	10-inch Touch Screen
Power Requirements	AC 110/220 V, 50/60 Hz



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