



# SINGLE BEAM UV VISIBLE SPECTROPHOTOMETER BSDBU-203-C

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## C

UV VISIBLE SPECTROPHOTOMETER



- Unique Long light path design  
The 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 de

## SPECIFICATIONS

|                           |   |
|---------------------------|---|
| Model                     | BSDBU-203-C                               |
| Wavelength Range          | 190-1100 nm                               |
| Bandwidth                 | 0.5 / 1 / 2 / 4 nm                        |
| Wavelength Accuracy       | ±0.1 nm at 656.1 nm, ±0.3 nm at all range |
| Wavelength Repeatability  | ≤0.1 nm                                   |
| Photometric Accuracy      | ±0.3%T (0-100%T)                          |
| Photometric Repeatability | ≤0.1%T (0-100%T)                          |
| Photometric Range         | -0.3-3A, 0-200%T, 0-9999 C                |
| Stability                 | ≤0.001A / 30 min at 500 nm                |
| Stray Light               | ≤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        | AC110/220V, 50/60Hz                       |
| Alt Name                  | UV Visible Spectrophotometer              |

## ITEMS INCLUDED

| No | Name               | Quantity | Unit |
|----|--------------------|----------|------|
| 1  | PC software        | 1        | set  |
| 2  | 1cm Glass cuvette  | 4        | pcs  |
| 3  | 1cm Quartz cuvette | 2        | pcs  |
| 4  | Power cord         | 1        | pcs  |
| 5  | User' manual       | 1        | pcs  |
| 6  | Dust cover         | 1        | pcs  |

## FEATURES

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- Rigid Structure, 16mm-thick Optical Base

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- 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.



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