



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

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## BSDBU-204-C

### 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

## SPECIFICATIONS

|                           |                                                                |
|---------------------------|----------------------------------------------------------------|
| Model                     | BSDBU-204-C                                                    |
| Optical System            | Double Beam                                                    |
| Light Source              | W Lamp & D2 Lamp                                               |
| Wavelength Range          | 190-1100nm                                                     |
| Bandwidth                 | 0.5/1/2/4 nm                                                   |
| Display                   | 10-inch Touch Screen                                           |
| Wavelength Accuracy       | ±0.1nm at D2 656.1nm, ±0.3nm at full range                     |
| Wavelength Repeatability  | ≤0.1nm                                                         |
| Photometric Accuracy      | ±0.3%T (0-100%T); ±0.002Abs (0-0.5Abs); ±0.004Abs (0.5-1.0Abs) |
| Photometric Repeatability | ≤0.1%T (0-100%T); ≤0.001Abs (0-0.5Abs); ≤0.002Abs (0.5-1.0Abs) |
| Stability                 | ≤0.001A/h@250nm & 500nm, 2hrs warm-up                          |
| Photometric Range         | -0.3-3A, 0-200%T, 0-9999C                                      |
| Stray Light               | ≤0.05%T at 220nm & 360nm                                       |
| Control Mode              | Stand-alone System or PC Software (Optional)                   |
| Data Output               | USB Port or Bluetooth (Optional)                               |
| Power Requirement         | AC 110/220V, 50/60Hz                                           |
| Alt Name                  | Double Beam UV Visible Spectrophotometer                       |

## ITEMS INCLUDED

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

## FEATURES

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- Easy Printing

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- 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.



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