



## DOUBLE BEAM UV VISIBLE SPECTROPHOTOMETER BEY1G3 (BSDBU-202-B)

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## DOUBLE BEAM UV VISIBLE SPECTROPHOTOMETER



- Dual Beam Light Path  
Less circuit fluctuation and stray light, higher stability.
- Powerful Stand-alone Operation System  
Spectrum scanning, Standard curve, Kinetics, Multi wavelength, DNA/Protein test can be operated directly on device without PC software.
- Unique Long Light Path Design  
520mm long light path greatly improved the wavelength resolution.
- 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

## SPECIFICATIONS

Model	BEY1G3
Old Model	BSDBU-202-B
Optical System	Double Beam (1200 Lines/mm Grating)
Wavelength Range	190-1100 nm
Bandwidth	0.5 / 1 / 2 / 4 nm
Wavelength Accuracy	±0.1 nm at D2 656.1 nm, ±0.3 nm at all range
Wavelength Repeatability	0.1 nm
Photometric Accuracy	±0.2%T (0-100%T)
Photometric Repeatability	±0.1%T (0-100%T)
Photometric Range	-0.3-3A, 0-200%T, 0-9999C
Stability	≤0.0005A/h at 250 nm, 500 nm
Stray Light	≤0.03%T at 220 nm, 360 nm
Output	USB port & Parallel Port
Display	320*240 Dots LCD
Light Source	W Lamp & D2 Lamp
Power Requirements	AC110/220V, 50/60Hz
Alt Name	Double Beam UV Visible Spectrophotometer

## ACCESSORIES FOR PURCHASE

No	Name	Description	Quantity	Unit
1	1	Spectrophotometer	1	unit
2	2	PC software	1	set
3	3	1cm Glass cuvette	4	pcs
4	4	1cm Quartz cuvette	2	pcs
5	5	Power cord	1	pcs
6	6	User's manual	1	pcs
7	7	Dust cover	1	pcs

## FEATURES

- Dual Beam Light Path  
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- Unique Long Light Path Design

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- 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 Thermo printer to print test data. ( Micro 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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