



**DOUBLE BEAM UV VISIBLE  
SPECTROPHOTOMETER BSDBU-205**

# DOUBLE BEAM UV VISIBLE SPECTROPHOTOMETER BSDBU-205

## DOUBLE BEAM UV VISIBLE SPECTROPHOTOMETER



- Sensitive Detection  
High-quality Photomultiplier, fast response and high sensitivity. Especially suitable for weak radiation energy detection.
- Adjustable Bandwidth  
Continuous adjustable spectral bandwidth from 0.1 to 5.0nm. 0.1nm interval, suitable for various applications, especially suitable for samples with sharp absorption peaks, like penicillin sodium, penicillin potassium, etc.
- High Stability and Reliability  
An extra mercury lamp equipped, one-key calibration for wavelength accuracy. High-quality deuterium lamp and tungsten lamp, longer service time and higher stability.

## SPECIFICATIONS

Model	BSDBU-205
Optical System	Double Beam
Detector	Photomultiplier (PMT)
Wavelength Range	190-900 nm
Bandwidth	Continuously adjustable from 0.1 nm to 5 nm, 0.1 nm interval
Light Source	W Lamp & D2 Lamp & Mercury Lamp
Control Mode	PC Software Controlled
Wavelength Accuracy	±0.3 nm
Wavelength Repeatability	≤0.1 nm
Photometric Accuracy	±0.3%T
Stability	≤0.0001 A/h
Stray Light	≤0.005%T at 220 nm & 360 nm
Power Requirements	AC110/220V, 50/60Hz
Alt Name	Double Beam 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's manual	1	pcs
6	Dust cover	1	pcs

## ACCESSORIES FOR PURCHASE

No	Name
1	Holder for film(angle adjustable)
2	Reflection accessory
3	Holder for glass/film(angel fixed)
4	Holder for test tube
5	Holder for micro cuvette
6	Holder for water bath
7	5cm cuvette

8	10cm cuvette
9	Peltier/Sipper system



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## FEATURES

- Sensitive Detection

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Especially suitable for weak radiation energy detection.

- Adjustable Bandwidth

Continuous adjustable spectral bandwidth from 0.1 to 5.0nm.

0.1nm interval, suitable for various applications, especially suitable for samples with sharp absorption peaks, like penicillin sodium, penicillin potassium, etc.

- High Stability and Reliability

An extra mercury lamp equipped, one-key calibration for wavelength accuracy.

High-quality deuterium lamp and tungsten lamp, longer service time and higher stability.

Premium lens and lens coating, higher repeatability.

Real-time automatic calibration of dark current.

- Larger Sample Chamber, Multi Functions

Various optional accessories: auto 8-position cell holder, autosampler, thermostatic cell holder, integrating sphere and specular reflection accessory, etc.

- PC Software Controlled

User-friendly UI, simple operation and clear display.

- Easy Maintain and Lower Cost

Independent modular design, lower maintenance cost.

Socket type of lamps, easy to replace and no need to adjust optical path.



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