



# SINGLE BEAM UV VISIBLE SPECTROPHOTOMETER BEY1D1 (BSSBV-204-A)

# SINGLE BEAM UV VISIBLE SPECTROPHOTOMETER BEY1D1

## SPECTROPHOTOMETER



- Precision Lead Screw Structure  
Higher wavelength accuracy and wavelength resolution (0.1nm).
- Complete Numerical Keys; Automatic Wavelength Setting  
All parameters can be easily set, like wavelength and concentration.
- Easy Data Output by USB/Parallel Port  
USB Port: Connect to computer and operate through PC software. ( PC software is optional.)  
Parallel Port: Connect to micro thermal printer to print test data. ( A Micro thermo printer is optional.)
- 8mm thick Optical Base  
All optical components are fixed on a 8mm thick rigid die-cast aluminum board to promise higher stability and reliability.

## SPECIFICATIONS

Model	BEY1D1
Old Model	BSSBV-204-A
Wavelength Range	320-1100 nm
Bandwidth	2 nm
Wavelength Accuracy	±0.5 nm
Wavelength Repeatability	≤0.2 nm
Wavelength Setting	Automatically
Photometric Accuracy	±0.2%T
Photometric Repeatability	≤0.1%T
Photometric Range	-0.3-3A, 0-200%T, 0-9999C
Stability	≤0.001A/30 min at 500 nm
Stray Light	≤0.05%T at 360 nm
Output	USB port & Parallel Port
Display	128*64 Dots LCD
Light Source	W Lamp
Detector	Silicon Photodiode
Power Requirements	AC110/220V, 50/60Hz
Alt Name	Visible Spectrophotometer

## ACCESSORIES FOR PURCHASE

No	Name	Description	Quantity	Unit
1	1	Spectrophotometer	1	unit
2	2	1cm Glass cuvette	4	pcs
3	3	1cm Quartz cuvette (only UV model)	2	pcs
4	4	Power cord	1	pcs
5	5	User's manual	1	pcs
6	6	Dust cover	1	pcs

## FEATURES

- Precision Lead Screw Structure  
Higher wavelength accuracy and wavelength resolution (0.1nm).
- Complete Numerical Keys; Automatic Wavelength Setting  
All parameters can be easily set, like wavelength and concentration.

- Easy Data Output by USB/Parallel Port

USB Port: Connect to computer and operate through PC software. ( PC software is optional.)

Parallel Port: Connect to micro thermal printer to print test data. ( A Micro thermo printer is optional.)

- 8mm thick Optical Base

All optical components are fixed on a 8mm thick rigid die-cast aluminum board to promise higher stability and reliability.

- Imported Tungsten Lamp and Deuterium Lamp

Longer service life, much more stable.

Lower stray light, higher photometric accuracy.

- Quick to Establish Standard Curve

Quick to establish a standard curve and measure the unknown samples.



**Biolab Scientific Ltd.**

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada

Email: [info@biolabscientific.com](mailto:info@biolabscientific.com) | Website: [www.biolabscientific.com](http://www.biolabscientific.com)