



SINGLE BEAM VISIBLE SPECTROPHOTOMETER BSSBV-204-A

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Designed to conserve benchspace, our product offers the measurement range of 190-1100nm at bandwidth of 2nm. Engineered for a wide range of applications, our systems provide dependable performance and reliable results. It produces the photometric range of -0.3 to 3 A; 0-200 %T and photometric accuracy of $\pm 0.3\%$ T which makes it suitable for various quantitative assays.

Used in Most suitable for quantitative determination assays and toxicological assays in environmental, industrial, pharmaceutical fields..

Also known as Vis Spectrometer, UV-Vis Spectrometer, Spectrometers, visible spectrophotometer.

BSSBV-204-A SINGLE BEAM VISIBLE 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 soft(PC software is optional)

Parallel Port: Connect to micro thermal printer to print test data(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 standard curve and measure the unknown samples

SPECIFICATIONS

Model	BSSBV-204-A
Wavelength Range	320-1100 nm
Wavelength Accuracy	± 0.5 nm
Wavelength Repeatability	≤ 0.2 nm
Spectral Bandwidth	2 nm
Wavelength setting	Automatically
Photometric Range	-0.3-3 A, 0-200 %T, 0-9999 C
Photometric Accuracy	0.2 %T
Photometric Repeatability	≤ 0.1 %T
Stability	≤ 0.001 A/30 min at 500 nm
Stray Light	≤ 0.05 %T at 360 nm
Output	USB port & Parallel Port
Light Source	W Lamp
Detector	Silicon Photodiode
Display	128*64 Dots LCD
Power Supply	AC 110/220 V, 50/60 Hz

ACCESSORIES

Accessory Code	Name	Unit
3000706027	1 cm glass cuvette	4 pcs
3000706028	power cord	1 pcs
3000706029	dust cover	1 pcs

OPTIONAL ACCESSORIES

Accessory Code	Name	Package Size (mm)	Description
3000706006	Quartz Cuvettes with Lid	52.5x12.5x45	
3000706007	Quartz Cuvettes with Lid	102.5x12.5x45	
3000706008	Glass Cuvettes with Stopper	7.5x12.5x45	
3000706009	Glass Cuvettes with Stopper	12.5x12.5x45	
3000706010	Glass Cuvettes with Stopper	22.5x12.5x45	
3000706011	Glass Cuvettes with Stopper	32.5x12.5x45	
3000706012	Glass Cuvettes with Stopper	42.5x12.5x45	
3000706013	Glass Cuvettes with Stopper	52.5x12.5x45	
3000706014	Glass Cuvettes with Stopper	102.5x12.5x45	
3000706015	Quartz Cuvettes with Stopper	7.5x12.5x45	
3000706016	Quartz Cuvettes with Stopper	12.5x12.5x45	
3000706017	Quartz Cuvettes with Stopper	22.5x12.5x45	
3000706018	Quartz Cuvettes with Stopper	32.5x12.5x45	
3000706019	Quartz Cuvettes with Stopper	42.5x12.5x45	
3000706020	Quartz Cuvettes with Stopper	52.5x12.5x45	
3000706021	Quartz Cuvettes with Stopper	102.5x12.5x45	
3000706022	Micro Cuvettes	12.5x12.5x45	
3000706023	Micro Cuvettes	12.5x12.5x45	
3000706024	Micro Cuvettes	12.5x12.5x45	
3000706025	Micro Cuvettes	12.5x12.5x45	
3001706006	Software		UV Basic
3001706007	Software		MetaSpec
3000706032	Cell Holder		10mm single cell holder
3000706033	Cell Holder		10mm 4-hole cell holder
3000706034	Cell Holder		50mm 4-hole cell holder
3000706035	Cell Holder		100mm 4-hole cell holder
3000706036	Cell Holder		10mm 8-hole auto cell holder
3000706037	Cell Holder		10mm 8-hole manual cell holder
3000706038	Cell Holder		10mm single hole water jacketed ambient cell holder
3000706039	Cell Holder		Adjustable cell holder for micro cuvettes
3000706040	Cell Holder		Transparent film holder
3000706041	Cell Holder		Test tube holder
3000706042	Control Units		Peltier system
3000706043	Control Units		Sipper system
3000706044	Control Units		Peltier/Sipper system
3000706045	Control Units		Micro printer
3000706046	Lamps		W lamp 12V; 20W (Phillips)

3000706047	Lamps		D2 lamp A510YXU
3000706048	Lamps		D2 lamp A510YXU-002
3000706049	Glass Cuvettes with Lid	7.5x12.5x45	
3000706050	Glass Cuvettes with Lid	12.5x12.5x45	
3000706051	Glass Cuvettes with Lid	22.5x12.5x45	
3000706052	Glass Cuvettes with Lid	32.5x12.5x45	
3000706053	Glass Cuvettes with Lid	42.5x12.5x45	
3000706054	Glass Cuvettes with Lid	52.5x12.5x45	
3000706055	Glass Cuvettes with Lid	102.5x12.5x45	
3000706056	Quartz Cuvettes with Lid	7.5x12.5x45	
3000706057	Quartz Cuvettes with Lid	12.5x12.5x45	
3000706058	Quartz Cuvettes with Lid	22.5x12.5x45	
3000706059	Quartz Cuvettes with Lid	32.5x12.5x45	
3000706060	Quartz Cuvettes with Lid	42.5x12.5x45	



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