



SINGLE BEAM VISIBLE SPECTROPHOTOMETER BSSBV-202-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-202-A SINGLE BEAM VISIBLE SPECTROPHOTOMETER



Wavelength range: 320nm-1100nm

Optical System: 1200 lines/mm line Czerny Turner Diffraction Grating monochromator ensures high resolution, high photometric accuracy and low stray light

Bandwidth: 2&4nm

Detector: Silicon Photodiode

Measurement Range with ultra-low Stray Light

With its ultra-low stray light $\leq 0.05\%$ T is achieved on wavelength range of 320 - 1100 nm

Sample size: A wide range of standard cuvettes can be used based on the sensitivity or sample volume requirements.

Sophisticated and simplified sample analysis software: The Sample analysis software deliver scanning, fixed wavelength analysis, quantitative analysis, data collection, storage, export, and reporting.

With additional feature of an easy access USB port available in the unit, which enables results to be stored directly to a USB memory stick for easy transfer of data.

Large sample compartment to accommodate 5-100mm cuvettes with holders

Pre-aligned design allows convenient changing of lamps

USB port and parallel port

Equipped with tungsten halogen lamp

Automatic zero adjustment

Easy to use and operate

Two-points method measures concentration of unknown samples

SPECIFICATIONS

Model	BSSBV-202-A
Wavelength Range	325-1000 nm
Wavelength Accuracy	± 2 nm
Wavelength Repeatability	0.5 nm
Spectral Bandwidth	2 nm
Wavelength setting	Auto
Spectral Resolution	0.1 nm
Photometric Range	-0.3-3 A, 0-200 %T
Photometric Accuracy	± 0.5 %T
Photometric Repeatability	0.2 %T
Stability	± 0.002 A/hr at 500 nm
Baseline Flatness	None
Stray Light	≤ 0.1 %T

Photometric Mode	T, A, C, F
Optical System	Single Beam , Grating 1200 lines/mm
Gross Dimension (W/D/H)	420x280x180 mm
Display	LCD
Weight (Net/Gross)	10 kg
Power	300 W
Power Supply	AC 85-250V

ACCESSORIES

Accessory Code	Name	Description	Unit
BX-59780	1 cm glass cuvette		4 pcs
BX-59792	power cord		1 pcs
BX-59816	dust cover		1 pcs

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	Package Size (mm)
BX-57058	Quartz Cuvettes with Lid		52.5x12.5x45
BX-57071	Quartz Cuvettes with Lid		102.5x12.5x45
BX-57084	Glass Cuvettes with Stopper		7.5x12.5x45
BX-57097	Glass Cuvettes with Stopper		12.5x12.5x45
BX-57110	Glass Cuvettes with Stopper		22.5x12.5x45
BX-57123	Glass Cuvettes with Stopper		32.5x12.5x45
BX-57136	Glass Cuvettes with Stopper		42.5x12.5x45
BX-57149	Glass Cuvettes with Stopper		52.5x12.5x45
BX-57162	Glass Cuvettes with Stopper		102.5x12.5x45
BX-57175	Quartz Cuvettes with Stopper		7.5x12.5x45
BX-57188	Quartz Cuvettes with Stopper		12.5x12.5x45
BX-57201	Quartz Cuvettes with Stopper		22.5x12.5x45
BX-57214	Quartz Cuvettes with Stopper		32.5x12.5x45
BX-57227	Quartz Cuvettes with Stopper		42.5x12.5x45
BX-57240	Quartz Cuvettes with Stopper		52.5x12.5x45
BX-57253	Quartz Cuvettes with Stopper		102.5x12.5x45
BX-57266	Micro Cuvettes		12.5x12.5x45
BX-57279	Micro Cuvettes		12.5x12.5x45
BX-57292	Micro Cuvettes		12.5x12.5x45
BX-57305	Micro Cuvettes		12.5x12.5x45
BX-57318	Software	UV Basic	
BX-57331	Software	MetaSpec	
BX-59852	Cell Holder	10mm single cell holder	
BX-59864	Cell Holder	10mm 4-hole cell holder	
BX-59876	Cell Holder	50mm 4-hole cell holder	
BX-59888	Cell Holder	100mm 4-hole cell holder	
BX-59900	Cell Holder	10mm 8-hole auto cell holder	
BX-59912	Cell Holder	10mm 8-hole manual cell holder	
BX-59924	Cell Holder	10mm single hole water jacketed ambient cell holder	

BX-59936	Cell Holder	Adjustable cell holder for micro cuvettes	
BX-59948	Cell Holder	Transparent film holder	
BX-59960	Cell Holder	Test tube holder	
BX-59972	Control Units	Peltier system	
BX-59984	Control Units	Sipper system	
BX-59996	Control Units	Peltier/Sipper system	
BX-60008	Control Units	Micro printer	
BX-60020	Lamps	W lamp 12V, 20W (Phillips)	
BX-60032	Lamps	D2 lamp A510YXU	
BX-60044	Lamps	D2 lamp A510YXU-002	
BX-60056	Glass Cuvettes with Lid		7.5x12.5x45
BX-60068	Glass Cuvettes with Lid		12.5x12.5x45
BX-60080	Glass Cuvettes with Lid		22.5x12.5x45
BX-60092	Glass Cuvettes with Lid		32.5x12.5x45
BX-60104	Glass Cuvettes with Lid		42.5x12.5x45
BX-60116	Glass Cuvettes with Lid		52.5x12.5x45
BX-60128	Glass Cuvettes with Lid		102.5x12.5x45
BX-60140	Quartz Cuvettes with Lid		7.5x12.5x45
BX-60152	Quartz Cuvettes with Lid		12.5x12.5x45
BX-60164	Quartz Cuvettes with Lid		22.5x12.5x45
BX-60176	Quartz Cuvettes with Lid		32.5x12.5x45
BX-60188	Quartz Cuvettes with Lid		42.5x12.5x45



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