



## DOUBLE BEAM UV VISIBLE SPECTROPHOTOMETER BSDBU-202

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Designed to conserve benchspace, our product offers the measurement range of 190-1100nm at bandwidth of 1.8nm and 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  $\pm 0.2\%$ 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.

## BSDBU-202 DOUBLE BEAM UV VISIBLE SPECTROPHOTOMETER



Dual optical path, dual beam optical system, dual detector, using high performance imported grating, lower stray light, stronger stability, reliability, more accurate analysis

use 10 " touch screen, built-in 32G memory, support Bluetooth connection network powerful data analysis function, internal computer of the host, can input calibration curve, can independently complete photometric measurement, quantitative measurement, spectral scanning, dynamics, DNA/ protein testing, multi-wavelength testing and data printing functions

Adopt the optical system suspension design, the whole optical path is independently fixed on the 16mm thick aluminum deformation-free base, the deformation of the bottom plate and the vibration of the outside have no impact on the optical system, thus greatly improving the stability and reliability of the instrument

With powerful storage function, the instrument can be directly connected to the printer for A4 format data and graph printing

With automatic startup verification and system positioning functions, to repair the deviation caused by long-term application

Data can be exported to U disk

## SPECIFICATIONS

Model	BSDBU-202
Wavelength Range	190-1100 nm
Wavelength Accuracy	$\pm 0.1$ nm at D2 656.1 nm, $\pm 0.3$ nm at all range
Wavelength Reproducibility	0.1 nm
Spectral Bandwidth	1 nm
Photometric Range	-0.3-3 A, 0-200 % T, 0-9999 C
Photometric Accuracy	$\pm 0.2\%$ T (0-100% T)
Optical System	Double Beam (1200 Lines/mm Grating)
Photometric Repeatability	$\leq 0.1$ %T (0-100% T)
Stray Light	$\leq 0.03$ %T at 220 nm, 360 nm
Light Source	D2 Lamp / W Lamp
Stability	$\leq 0.0005$ A/h at 250 nm, 500 nm
Output	USB port & Parallel Port
Display	320*240 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
3000706030	1 cm quartz quvette	2 pcs
3000706031	software kit	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	
3000706026	Software		UV Analyst
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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