



## DOUBLE BEAM UV VISIBLE SPECTROPHOTOMETER BSDBU-201-C

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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-201-C 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-201-C
Wavelength Range	190-1100 nm
Wavelength Accuracy	$\pm 0.1\text{nm}$ (D2 656. 1 nm)
Wavelength Repeatability	$\leq 0.1$ nm
Spectral Bandwidth	1.8 nm
Photometric Range	0-200%T, -0.3--3A, 0-9999C
Photometric Accuracy	$\pm 0.2T$ (0-100%T)
Photometric Repeatability	$\leq 0.05$ %T(0-100%T)
Stability	$\pm 0.004A/h$ at 500 nm
Baseline Flatness	$\pm 0.001A$
Stray Light	0.03 %T220 nm, 360nm
Light Source	Tungsten and Deuterium Lamp
Detector	Silicon Photodiode
Software	USB
Gross Dimension (W/D/H)	630x430x210 mm
Display	800x480 touch screen

Noise	±0.0004 A
Weight (Net/Gross)	28 kg
Power Supply	220V/50Hz 110V/60Hz

## 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 cuvette	2 pcs



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