



DOUBLE BEAM UV VISIBLE SPECTROPHOTOMETER BJN-2101

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UV-VISIBLE SPECTROPHOTOMETER



The UV-visible spectrophotometer complies with strict high-precision and high-stability measurement standards, suitable for biological research, biopharmaceuticals, pharmaceutical analysis, academic research, environmental protection, food safety, clinical inspection, public health, and epidemic prevention industries. It has large memory to store batches of test data and calibration curves.

A wide wavelength range meets the various requirements of different fields.

The design of LSI greatly improves the scalability of the system.

Optimized optical configuration equipped with imported light source and receiver system ensures excellent performance and reliable stability.

Rich measurement methods include wavelength scan, time scan, multi-wavelength determination, multi-order derivative determination (optional), dual-wavelength, three-wavelength (optional), DNA protein measurements (optional), and other measurements.

SPECIFICATIONS

Model	BJN-2101
Wavelength Range	190-1100nm
Spectral Bandwidth	4nm
Wavelength Accuracy	±0.3nm
Optical Path Structure	Double beam
Wavelength Repeatability	0.2 nm
Photometric Accuracy	±0.3% T
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Stray Light	≤0.03% T
Stability	0.001 A/h @ 500 nm
Photometric Mode	T, A, C, E
Wavelength Setting	Automatic
Photometric Display Range	-4-4 A
Display Mode	6-inch high-brightness blue LCD
Detector	Imported Silicon Photodiode
Light Source	Imported Deuterium Lamp & Tungsten Halogen Lamp
Power Requirement	AC 220 V / 50 Hz; 110 V / 60 Hz
Power	120 W
Dimensions (W x D x H)	505 x 390 x 200 mm
Weight	15 kg
Alt Name	UV-visible spectrophotometer

ITEMS INCLUDED

No	Name	Quantity
1	1 cm glass cuvette	4 pcs
2	1 cm quartz cuvette	2 pcs
3	Dust cover	1 pc
4	Power line	1 pc
5	Instruction manual	1 pc
6	Software suite	1 set

FEATURES

The UV-visible spectrophotometer complies with strict high-precision and high-stability measurement standards, suitable for biological research, biopharmaceuticals, pharmaceutical analysis, academic research, environmental protection, food safety, clinical inspection, public health, and epidemic prevention industries. It has large memory to store batches of test data and calibration curves.

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Rich measurement methods include wavelength scan, time scan, multi-wavelength determination, multi-order derivative determination (optional), dual-wavelength, three-wavelength (optional), DNA protein measurements (optional), and other measurement methods to meet different measurement requirements. Results can be displayed directly on a 6-inch screen.

Optional accessories are available as required: multi-cell holder, manual 4-position cell holder, manual 8-position cell holder, automatic 8-cell holder, glass bracket, test tube holder, 10 mm cell holder, and 50 mm cell holder.

Supports external USB flash drive storage and transmission of experimental data.

Measurement parameters and data can be saved after power-off.

Supports PC control for more accurate and flexible measurements to meet the needs of different users.



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