



DOUBLE BEAM UV VISIBLE SPECTROPHOTOMETER BJD-4201

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UV VISIBLE SPECTROPHOTOMETER



Comes with an English operating system and is equipped with a 10-inch color touchscreen display.

Designed for high-precision and high-reliability measurements, suitable for biological research, biotechnology, pharmaceutical analysis, teaching and research, environmental protection, food hygiene, clinical testing, epidemic prevention, and other applications. Large-capacity memory supports storage of multiple sets of data and curves.

Provides wide wavelength coverage to meet diverse application requirements across different industries.

The LSI design enhances system scalability and reliability.

Optimized optical layout combined with an imported light source and detector system provides excellent performance and stability.

SPECIFICATIONS

Model	BJN-4201
Wavelength Range	190-1100nm
Spectral Bandwidth	0.1 / 0.2 / 0.5 / 1.0 / 2.0 / 4.0nm
Wavelength Accuracy	±0.3nm
Optical Path Structure	Double beam Spectrophotometer
Wavelength Repeatability	0.2 nm
Photometric Accuracy	±0.3% T
Photometric Repeatability	0.2% T
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 to 4 A
Display Mode	10-inch Touch LCD Screen
Detector	Imported Silicon Photodiode
Light Source	Deuterium Lamp & Tungsten Lamp
Power Requirement	AC 220 V / 50 Hz; 110 V / 60 Hz
Dimensions (W x D x H)	645 x 430 x 225 mm
Weight	21 kg
Alt Name	UV Visible Spectrophotometer

ITEMS INCLUDED

No	Name	Quantity
1	Dust Cover	1 pc
2	Power Line	1 pc
3	1 cm Glass Cuvette	4 pcs
4	Instruction Manual	1 pc
5	1 cm Quartz Cuvette	2 pcs
6	Software Suite	1 set

FEATURES

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Supports multiple measurement methods, including:

Wavelength scanning

Time scanning

Multi-wavelength determination

Multi-order derivative determination (optional)

Dual-wavelength measurement

Three-wavelength measurement (optional)

DNA/protein measurement (optional)

Other measurement methods for different analytical requirements

Results can be displayed directly on the 10-inch screen.

Automatically saves measurement parameters and data after power-off for convenient operation.

Supports PC control for more accurate and flexible measurement to meet different user requirements.



Biolab Scientific Ltd.

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada

Email: info@biolabscientific.com | Website: www.biolabscientific.com