



## DOUBLE BEAM UV VISIBLE SPECTROPHOTOMETER BJD-2501

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## UV VISIBLE SPECTROPHOTOMETER



This product successfully implements the stringent requirements of high accuracy and reliability measurement to meet the requirements of various applications that can be used in biological research, bio-industry, pharmaceutical analysis, pharmaceutical, teaching and research, environmental protection, food hygiene, clinical examination, health and epidemic prevention and other fields. Huge memory space to store multiple sets of data and curves.

A wide wavelength range, the wavelength range to meet the various requirements of the field.

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

Improved optimization of the optical design, imported source and receiver system created a high performance and high reliability.

## SPECIFICATIONS

|                           |                                                 |
|---------------------------|-------------------------------------------------|
| Model                     | BJN-2501                                        |
| Wavelength Range          | 190-1100nm                                      |
| Spectral Bandwidth        | 0.5/1.0/2.0nm                                   |
| Wavelength Accuracy       | ±0.3nm                                          |
| Optical Path Structure    | Double beam                                     |
| Wavelength Repeatability  | 0.2 nm                                          |
| Photometric Accuracy      | ±0.3% $\tau$                                    |
| Photometric Repeatability | 0.2% $\tau$                                     |
| Stray Light               | ≤0.03% $\tau$                                   |
| Stability                 | 0.001 A/h @ 500 nm                              |
| Photometric Mode          | T, A, C, E                                      |
| Wavelength Setting        | Automatic                                       |
| Photometric Display Range | -4 ~ 4A                                         |
| Display Mode              | 6 inches high brightness blue LCD               |
| Detector                  | Imported Silicon Photodiode                     |
| Light Source              | Imported Deuterium Lamp & Tungsten Halogen Lamp |
| Power Requirement         | AC 220V/50Hz, 110V/60Hz                         |
| Power                     | 120 W                                           |
| Dimensions (WxDxH)        | 645 x 430 x 240 mm                              |
| Weight                    | 23 kg                                           |
| Alt Name                  | Dual-beam UV-Vis spectrophotometer              |

## ITEMS INCLUDED

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

## FEATURES

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Rich measurement methods, with a 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, and can be displayed directly on a 6-inch screen.

Based on user requirements, optional hole rack, manual four with stand, manual Eighth rack, automatic Eighth frame, glass stand, test tube rack, 1 cm colorimetric frame, 5 cm colorimetric frame.

Support external U disk storage and transmission of experimental data.

Can be powered down to save the measurement parameters and data, user-friendly.

Can achieve more accurate and flexible measurement via PC control, which can meet the needs of different users.



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