



## SPLIT BEAM SCANNING UV VISIBLE SPECTROPHOTOMETER BFU-6601

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## SPECTROPHOTOMETER



### 11-inch Touch Screen

Powerful functions like Photometric measurement, Quantitative measurement, Kinetics, Spectrum scan, DNA\Protein test, Multiwavelength test, etc

Equipped with GLP/GLP/GMP functions, including user management, audit tracking, log inquiry, etc.

Support real-time sending of data via email and mobile SMS.

Adopts 3.0 Bluetooth protocol, with stable transmission and free interconnection within 10 meters.

Can be directly connected to laser printers via WiFi and thermal printers via Bluetooth.

Extensive accessories are optional, such as auto 4-cell/5-cell/8-cell holder, fi

## SPECIFICATIONS

| Model                     | BFU-6601                                                                       |
|---------------------------|--------------------------------------------------------------------------------|
| Wavelength Range          | 190-1100nm                                                                     |
| Spectral Bandwidth        | 2nm                                                                            |
| Wavelength Accuracy       | $\pm 0.1\text{nm}@656.1\text{nm}$ , $\pm 0.3\text{nm}@all$                     |
| Wavelength Repeatability  | $\leq 0.1\text{nm}$                                                            |
| Optical System            | Split Beam, Grating 1200 lines/mm                                              |
| Photometric Accuracy      | $\pm 0.2\%T(0\sim 100\%T)$ , $\pm 0.0005A(0-0.5A)$ , $\pm 0.0008A(0.5-1A)$     |
| Photometric Repeatability | $\leq 0.15\%T(0-100\%T)$ , $0.0004A(0-0.5A)$ , $0.0006A(0.5-1A)$               |
| Photometric Range         | 0-400%T, -4~4A                                                                 |
| Resolution                | 0.00001Abs                                                                     |
| Stray Light               | $\leq 0.03\%T@220\text{nm}$ , $360\text{nm}$                                   |
| Stability                 | $\pm 0.0001A$                                                                  |
| Baseline Flatness         | $\pm 0.0004A$                                                                  |
| Noise                     | 0.0005A@500nm                                                                  |
| Work Mode                 | T, A, C, E                                                                     |
| Scanning Speed            | Hi, Med, Low (Max. 8000nm/min)                                                 |
| Display                   | 11-inch Touch Screen                                                           |
| Light Source              | Deuterium & Tungsten Lamp                                                      |
| Detector                  | Silicon Photodiode                                                             |
| Cuvette Holder            | 10mm manual 4-cell holder                                                      |
| Output                    | Cloud connectivity/Email/SMS/Bluetooth/WiFi                                    |
| Power                     | AC 110-220V 50-60Hz                                                            |
| Shipping Size             | 810660390mm                                                                    |
| Gross Weight              | 27kg                                                                           |
| Standard Accessories      | 10mm glass cuvette x 4, 10mm quartz cuvette(UV) x 2, Power cord, User's Manual |
| Alt Name                  | Spectrophotometer                                                              |

## FEATURES

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Extensive accessories are optional, such as auto 4-cell/5-cell/8-cell holder, film holder, tube rack, integrating sphere, reflection accessory, peltier/sipper system, 21 CFR compliant software, etc.



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