



SINGLE BEAM UV VISIBLE SPECTROPHOTOMETER BFU1C2

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FLASHING XENON LAMP SPECTROPHOTOMETER



1. 11-inch Touch Screen
2. High quality flashing xenon lamps are from Hamamatsu, which can start to test directly without preheating. The lamp can be used at least 5-year.
3. Powerful functions like Photometric measurement, Quantitative measurement, Kinetics, Spectrum scan, DNA\Protein test, Multiwavelength test, etc
4. Equipped with GLP/GMP functions, including user management, audit tracking, log inquiry, etc.
5. Support real-time sending of data via email and mobile SMS.
6. Adopts 3.0 Bluetooth protocol, with stable transmission and free interconnection within 10 meters.
7. Can be directly connected to laser printers via WiFi and thermal printers via

SPECIFICATIONS

| Model | BFU1C2 |
|---------------------------|--|
| Optical System | Single Beam, Grating 1200 lines/mm |
| Wavelength Range | 190-1100 nm |
| Spectral Bandwidth | 1nm |
| Wavelength Accuracy | ±0.3nm |
| Wavelength Repeatability | ≤0.1nm |
| Photometric Accuracy | ±0.2%T(0~100%T), ±0.0005A(0-0.5A), ±0.0008A(0.5-1A) |
| Photometric Repeatability | ≤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 | ≤0.03%T@220nm, 360nm |
| Stability | ±0.0001A |
| Baseline Flatness | ±0.0004A |
| Noise | 0.0005A@500nm |
| Work Mode | T, A, C, E |
| Scanning Speed | Hi, Med, Low (Max. 6000nm/min) |
| Display | 11-inch Touch Screen |
| Light Source | Imported Xenon Lamp |
| Detector | Imported Silicon Photodiode |
| Cuvette Holder | 10mm 4-cell holder |
| Output | Cloud connectivity/Email/SMS/Bluetooth/WiFi |
| Power | AC 110-220V 50-60Hz |
| Shipping Size | 810*660*390mm |
| Gross Weight | 27kg |
| Standard Accessories | 10mm glass cuvette x 4, 10mm quartz cuvette x 2, Power cord, User's Manual |
| Alt Name | Flashing Xenon Lamp Spectrophotometer |

FEATURES

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4. Equipped with GLP/GMP functions, including user management, audit tracking, log inquiry, etc.
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6. Adopts 3.0 Bluetooth protocol, with stable transmission and free interconnection within 10 meters.
7. Can be directly connected to laser printers via WiFi and thermal printers via Bluetooth.
8. Extensive accessories are optional, such as auto 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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