



**DOUBLE BEAM UV VISIBLE
SPECTROPHOTOMETER BFU-304**

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FLASHING XENON LAMP SPECTROPHOTOMETER



1. High quality flashing xenon lamps are from Hamamatsu, which can start to test directly without preheating. The lamp can be used for at least 3-year.
2. Powerful functions like Photometric measurement, Quantitative measurement, Kinetics, Spectrum scan, DNA\Protein test, multi-wavelength test, etc
3. In-house massive memory is capable of saving up to 1024M for test data & working curves.
4. Supports USB storage. The USB port can be used for data transfer, which is easily exported to Excel for further processing, analysis and storage.
5. A large sample chamber can accommodate 5-100mm cuvettes of all kinds.

SPECIFICATIONS

| | |
|---------------------------|--|
| Model | BFU-304 |
| Display | 10.1 inches Color Touch Screen |
| Optical System | Double 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), ±0.002A(0-0.5A), ±0.004A(0.5-1A) |
| Photometric Repeatability | ≤0.15%T (0-100%T), 0.001A(0-0.5A), 0.002A(0.5-1A) |
| Photometric Range | 0-200%T, -0.3~3A, 0-9999C |
| Stray Light | <=0.03%T@220nm, 360nm |
| Stability | ±0.0003A/h @500 nm |
| Baseline Flatness | ±0.001A |
| Noise | 0.0005A@500nm |
| Work Mode | T, A, C, E |
| Scanning Speed | Hi, Med, Low (Max. 3000nm/min) |
| Wavelength Setting | Auto |
| Light Source | Imported Xenon Lamp |
| Detector | Imported Silicon Photodiode |
| Cuvette Holder | 10mm single hole cell holder |
| Output | USB drive, USB host, RS232 |
| 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 , PC software |
| Alt Name | Flashing Xenon Lamp Spectrophotometer |



FEATURES

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5. A large sample chamber can accommodate 5-100mm cuvettes of all kinds.
6. Extensive accessories are optional, such as auto 8-cell holder, film holder, tube rack, peltier/sipper system, integrating sphere, reflection accessory, built-in printer, 21 CFR compliant software, etc.



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