



# SCANNING UV VISIBLE SPECTROPHOTOMETER BFU-1301

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## SCANNING SPECTROPHOTOMETER



1. Unique optical system, 1200 lines/mm grating and imported receiver to ensure its sound performance.
2. The instrument has basic functions of photometric analysis and quantitative analysis. With PC software, it expands the applications, such as spectral scanning, kinetics, DNA/protein analysis, multi-wavelength test, etc.
3. Adopts 51 microcomputer systems, and can store 200 test data and 100 standard curves.
4. Socket type deuterium and tungsten lamps can make lamps switching without optics debugging and are easy to be replaced.
5. A large sample chamber can accommodate 5-100mm cuvettes of all kinds.
6. Extensive accessories are optional, such as 50/100mm manual 4-cell holder, au

## SPECIFICATIONS

Model	BFU-1301
Optical System	Single Beam, Grating 1200 lines/mm
Wavelength Range	190-1100nm
Spectral Bandwidth	2 nm
Wavelength Accuracy	±0.3 nm
Wavelength Repeatability	<=0.1 nm
Photometric Accuracy	0.3%T
Photometric Repeatability	0.2%T
Photometric Range	0-200%T, -0.3~3A, 0-9999C
Stray light	0.05%T
Stability	±0.0001A/h @500nm
Baseline Flatness	±0.002 A
Noise	±0.001 A
Work Mode	T, A, C, E
Wavelength Setting	Auto
Display	128*64 LCD
Light Source	Imported Deuterium & Tungsten lamp
Detector	Imported Silicon Photodiode
Cuvette Holder	10mm manual 4-cell holder
Output	USB, RS232
Power	AC 110-220V 50-60Hz
Shipping Size	700*580*340mm
Gross Weight	20kg
Standard Accessories	10mm glass cuvette x 4, 10mm quartz cuvette x 2 (UV), Power cord, User's Manual, PC software (UV)
Alt Name	Scanning Spectrophotometer

## FEATURES

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3. Adopts 51 microcomputer systems, and can store 200 test data and 100 standard curves.
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5. A large sample chamber can accommodate 5-100mm cuvettes of all kinds.

6. Extensive accessories are optional, such as 50/100mm manual 4-cell holder, auto 8-cell holder, film holder, 21 CFR compliant software, etc.



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