



# SINGLE BEAM UV VISIBLE SPECTROPHOTOMETER BFU1J1

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## TOUCH SCREEN SINGLE BEAM SPECTROPHOTOMETER



1. 7-inch color touch screen and windows graphic interface.
2. The instrument has basic functions of photometric analysis and quantitative analysis. With optional PC software, it expands the applications, such as spectral scanning, kinetics, DNA/protein analysis, multi-wavelength test, etc.
3. Support fast scanning, automatic wavelength setting, and automatic lamp switching.
4. In-house powerful storage capacity, which can store 2000 data and 97 working curves.
5. Optional accessories: auto 8-cell holder, film holder, tube rack, Bluetooth printer, built-in printer, PC software etc.

## SPECIFICATIONS

Model	BFU1J1
Optical System	Single Beam
Monochromator	C-T monochromator, Blazed Holographic Grating 1200lines/nm
Wavelength Range	320-1100 nm
Spectral Bandwidth	4nm
Wavelength Setting	Auto
Wavelength Accuracy	±1nm
Wavelength Repeatability	±0.5nm
Photometric Accuracy	±0.5%T, ±0.004A(0-0.5A), ±0.008A(0.5-1A)
Photometric Repeatability	±0.5%T, ±0.004A(0-0.5A), ±0.008A(0.5-1A)
Photometric Stability	±0.15%T, ±0.002A(0-0.5A), ±0.004A(0.5-1A)
Photometric Range	0-200%T, -0.3~3A
Stray Light	0.1%T
Stability	0.002A (500nm, 3min)
Noise	0.15%T
Work Mode	T, A, C, E
Scanning Speed	Hi, Med, Low (Max. 3000nm/min)
Display	7-inch Color Touch Screen
Light Source	Tungsten Lamp
Detector	Silicon Photodiode
Cuvette Holder	10mm manual 4-cell holder
Output	USB(A) for data transfer, USB(B) for PC software
Power	AC 110-220V 50-60Hz
Shipping Size	700*680*340mm
Gross Weight	20kg
Standard Accessories	10mm glass cuvette x 4, 10mm quartz cuvette x 2 (UV), Power cord, Manual
Alt Name	Touch Screen Single Beam Spectrophotometer



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