



SINGLE BEAM UV VISIBLE SPECTROPHOTOMETER BFU102

SINGLE BEAM UV VISIBLE SPECTROPHOTOMETER BFU102

SINGLE BEAM 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 optional 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	BFU102
Optical System	Single Beam, Grating 1200 lines/mm
Wavelength Range	190-1000nm
Spectral Bandwidth	4 nm
Wavelength Accuracy	1nm
Wavelength Repeatability	<=0.5nm
Photometric Accuracy	0.5%T
Photometric Repeatability	0.3%T
Photometric Range	0-200%T, -0.3~3A, 0-9999C
Stray light	0.3%T
Stability	±0.002A/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	Deuterium & Tungsten lamp
Detector	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
Alt Name	Single Beam Spectrophotometer

FEATURES

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 optional 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, auto 8-cell holder, film holder, 21 CFR compliant software, etc.



Biolab Scientific Ltd.

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada

Email: info@biolabscientific.com | Website: www.biolabscientific.com