



SINGLE BEAM UV VISIBLE SPECTROPHOTOMETER BFU1H2

SINGLE BEAM UV VISIBLE SPECTROPHOTOMETER BFU1H2

COLOR SCREEN SPECTROPHOTOMETER



1. 7 inches color screen and windows graphic interface.
2. Powerful functions like Photometric measurement, Quantitative measurement, Kinetics, Spectrum scan, DNA\Protein test, multiwavelength 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. Socket type deuterium and tungsten lamps can make lamps switching without optics debugging and are easy to be replaced.
6. Large sample chamber can accommodate 5-100mm cuvettes of all kinds.

SPECIFICATIONS

Model	BFU1H2
Optical System	Single Beam, Grating 1200 lines/mm
Wavelength Range	190-1100 nm
Spectral Bandwidth	1nm
Wavelength Accuracy	
Wavelength Repeatability	$\leq 0.1\text{nm}$
Photometric Accuracy	$0.2\%T(0\sim 100\%T)$, $\pm 0.002A(0-0.5A)$, $\pm 0.004A(0.5-1A)$
Photometric Repeatability	$\leq 0.15\%T(0-100\%T)$, $0.001A(0-0.5A)$, $0.002A(0.5-1A)$
Photometric Range	$0-200\%T$, $-0.3\sim 3A$, $0-9999C$
Stray Light	$\leq 0.03\%T@220\text{nm}$, 360nm
Stability	$\pm 0.0005A/h@500\text{nm}$
Baseline Flatness	$\pm 0.001A$
Noise	$0.0005A@500\text{nm}$
Work Mode	T, A, C, E
Scanning Speed	Hi, Med, Low (Max. 3000nm/min)
Wavelength Setting	Auto
Display	7 inches Color Screen
Light Source	Deuterium & Tungsten lamp
Detector	Imported Silicon Photodiode
Cuvette Holder	10mm manual 4-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	Color Screen Spectrophotometer

FEATURES

1. 7 inches color screen and windows graphic interface.
2. Powerful functions like Photometric measurement, Quantitative measurement, Kinetics, Spectrum scan, DNA\Protein test, multiwavelength 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. Socket type deuterium and tungsten lamps can make lamps switching without optics debugging and are easy to be replaced.
6. Large sample chamber can accommodate 5-100mm cuvettes of all kinds.
7. Extensive accessories are optional, such as auto 8-cell holder, film holder, tube rack, peltier/sipper system, integrating sphere, reflection accessory, 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