



PMT SPECTROPHOTOMETER

PMT SPECTROPHOTOMETER BFU1E1 BFU1E2 BFU1E3

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1. 7 inches color screen and windows graphic interface.
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. 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	BFU1E1	BFU1E2	BFU1E3
Optical System	Double Beam, Grating 1200 lines/mm		
Wavelength Range	190-1100 nm		
Spectral Bandwidth	2nm	1nm	0.5/1/2/4/5nm
Wavelength Accuracy	±0.1nm@656.1nm, ±0.3nm@all		
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, -4~4A, 0-9999C (0-9999 F)		
Stray Light	≤0.03%T@220nm, 360 nm		
Stability	±0.0005A/h@500nm		
Baseline Flatness	±0.001A		
Noise	0.0005A@500nm		
Work Mode	T, A, C, E		
Scanning Speed	Hi, Med, Low (Max. 3000 nm/min)		
Wavelength Setting	Auto		
Display	7 inches Color Screen		
Light Source	Deuterium & Tungsten lamp		
Detector	Imported Photomultiplier Tubes		
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	PMT Spectrophotometer		



FEATURES

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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, built-in printer, 21 CFR compliant software, etc.



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