



DOUBLE BEAM SCANNING UV VISIBLE SPECTROPHOTOMETER BFU-6501

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DOUBLE BEAM SPECTROPHOTOMETER



10.1 inches touch screen and windows graphic interface.

Powerful functions like Photometric measurement, Quantitative measurement, Kinetics, Spectrum scan, DNA\Protein test, multi-wavelength test, etc

In-house massive memory is capable of saving up to 1024M for test data & working curves.

Supports USB storage. The USB port can be used for data transfer, which is easily exported to Excel for further processing, analysis and storage.

Socket type deuterium and tungsten lamps can make lamps switching without optics debugging and are easy to be replaced.

Extensive accessories are optional, such as film holder, integrating sphere, pel

SPECIFICATIONS

Model	BFU-6501
Wavelength Range	190-1100nm
Spectral Bandwidth	1.8nm
Wavelength Accuracy	$\pm 0.1\text{nm}@656.1\text{nm}$, $\pm 0.3\text{nm}@all$
Optical System	Double Beam, Grating 1200 lines/mm
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	$0-200\%T$, $-0.3\sim 3A$, $0-9999C(0-9999F)$
Stray Light	$\leq 0.03\%T@220\text{nm}$, 360nm
Stability	$\pm 0.0003A/h @500\text{nm}$
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	10.1" Touch Screen
Light Source	Deuterium & Tungsten lamp
Detector	Silicon Photodiode
Cuvette Holder	10mm single hole cell holder
Output	USB drive, USB host, RS232
Power	AC 220V/50Hz or AC 110V/60Hz
Shipping Size	680560320mm
Gross Weight	20kg
Standard Accessories	10mm glass cuvette x 4, 10mm quartz cuvette x 2, Power cord, User's Manual
Alt Name	Double Beam Spectrophotometer

FEATURES

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analysis and storage.

Socket type deuterium and tungsten lamps can make lamps switching without optics debugging and are easy to be replaced. Extensive accessories are optional, such as film holder, integrating sphere, peltier/sipper system, 21 CFR compliant software, built-in thermal printer, PC software etc.



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