

UV/VIS Spectrophotometer



Introduction:

It is based on the absorption spectrum of substances to study the composition of substances, structure and interaction between substances, with a wide wavelength range, high sensitivity, simple operation, simple structure, beautiful appearance and other advantages, can be widely used in chemical, pharmaceutical, biochemistry, metallurgy, light industry, textile, materials, environmental protection, medical laboratory and education and other industries. It is one of the important quality control instruments in the analytical test industry, and is a necessary instrument in conventional laboratories.



Biochemistry



Petrochemicals



Environmental Protection



Metallurgy

Features:

- \* 1200L/mm grating
- \* Imported long life deuterium lamp, tungsten lamp
- \* LCD Integrated display
- \* Wide capacity voltage
- \* Power-on self-test
- \* High sensitivity photoconverter

Technical Parameters:

Model	BK-UV1000G	BK-V1000G
Optical System	Single beam, grating 1200L/mm	
Wavelength	200-1020nm	325-1020nm
Spectral Bandwidth	4nm	
Wavelength Accuracy	±1.5nm	
Wavelength Repeatability	≤0.2nm	
Photometric Accuracy	+0.002Abs (0-0.5Abs), ±0.004A (0.5-1.0Abs), ±0.4%T (0-100%T)	
Photometric Repeatability	0.001Abs(0-0.5Abs), 0.002Abs(0.5-1.0Abs), <0.2%T (0-100%T)	
Stray Light	≤0.1%T(220nm,360nm)	
Stability	±0.001A/h(500nm)	
Photometric Range	-0.301-3.0A 0-200%T 0-9999C	
Photometric Mode	A T C E	
Wavelength Setting	Automatic	
Output	RS232 printer data output, USB-B connection	
Detector	Imported silicon photodiode	
Light Source	Deuterium lamp, tungsten lamp	Tungsten lamp
Standard Accessories	4*glass cuvette, 2*quartz cuvette	4*glass cuvette
Power Supply	100-220V 50/60Hz	
External Size	466*384*201mm	
Net Weight	11.6kg	
Packing Size	590*480*315mm	
Gross Weight	14.4kg	14kg