

## 1000 Series Basic Spectrophotometer



1000 series is a basic spectrophotometer, which is widely used in education in universities and colleges, food & beverage production and quality control, agricultural monitoring, etc. It is an ideal choice for routine analysis and general experiments. Measured values can be transferred to PC via RS232 port for further analysis. PC software is optional.

Model	V1000	V1100	UV1100
Optical System	Single Beam, Grating 1200 lines/mm		
Wavelength Range	340-1020 nm	330 - 1020 nm	195-1020 nm
Spectral Bandwidth	6 nm	5 nm	
Wavelength Accuracy	±3 nm	±2nm	
Wavelength Repeatability	1nm		
Photometric Accuracy	±1%T	±0.5%T	
Photometric	0.5%T	0.2%T	
Photometric Range	0-200%T,-0.3-3A		
Stray light	0.5%T	0.3%T	
Stability	0.004 A	0.002A	
Baseline Flatness	±0.002A	±0.002A	
Noise	±0.001 A		
Wavelength Setting	Manual		
Work Mode	T, A, C		
Display	4 LCD		
Light Source	Tungsten lamp		Deuterium &Tungsten lamp
Detector	Silicon Photodiode		
Cuvette Holder	10mm manual 4-cell holder		
Output	RS-232		
Power	AC 220V/50Hz or AC 110V/60Hz		
Shipping Dimension	520*450*320mm		
Gross Weight	10kg		
Standard Accessories	10mm glass cuvette x4,10mm quartz cuvette x 2(UV), Power cord,User manual		

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