

721-722-752 / 1000 Series Spectrophotometer

This series is a simple single beam spectrophotometer. The wavelength is set manually from the dial on the front panel. Direct readout of transmission or absorption on the LED display. Measured values can be transferred to PC via RS232 port for further analysis. Low price and simple design make the model ideal tool for education or routine analysis.



Specifications:

Model	V721/V1000	V722/UV1100	UV752/UV1100
Optical System	Single Beam, Grating 1200 lines/mm		
Wavelength Range	340 - 1020 nm	320 - 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 Repeatability	0.5%T	0.2%T	
Photometric Range	0-200%T, -0.3A~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	Auto		
Work Mode	T, A, C		
Light Source	Tungsten lamp		Deuterium & Tungsten lamp
Display	4 LCD		
Detector	Silicon Photodiode		
Output	RS-232 port(optional)		
Power	AC 220V/50Hz or AC 110V/60Hz		
Dimension	420*350*200mm		
Net Weight	8kg	10kg	
Shipping Size	520*450*320mm		
Gross Weight	10kg	12kg	