

Visible Single Beam Spectrophotometer



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Advantage

- 1. High quality silicon photodiode detector and 1200 lines/mm diffraction grating ensure high quality accuracy and precision.
- 2.Backlit LED display for easy reading.
- 3.Easily switch between transmittance, absorbance and concentration modes.
- 4.Users can easily change halogen or deuterium lamps on their own.
- 5.Direct concentration readout and concentration factor setting capability.
- 6.Cuvettes from 5 - 100mm optical lengths with optional holders.

Advantage

- 7.Precise automatic T/A conversion
- 8.Automatic zero and full scale adjustment
- 9.With RS232 interface
- 10.Standard software (SP-VGI721)
- 11.Optional dedicated printer (SP-VG721)

Specification

Model	SP-VG722	SP-VGI721	SP-VG721
Photometry	Single Beam		
Monochromator Type	Czerny-Turner		
Detector	Silicon Photocell		
Wavelength Setting	Manual Turn Knob		
Wavelength Range	325-1000nm	340-1000nm	
Wavelength Accuracy	±2nm		
Wavelength Repeatability	≤1nm		
Spectrum Bandwidth	5nm		
Stray Light	≤0.5%T		
	(at 360nm NaNo2)		
Photometric Range	0-100.0%T		
	0-1.999A		
	0-1999C		
Photometric Accuracy	±0.5%T		
Photometric Repeatability	≤0.2%T		
Noise	100% (T) noise≤0.3%(T), 0% (T) noise≤0.2%(T)		
Drifting	±0.5 %T/3min		
Cuvette Holder Size	50mm	100mm	50mm
Power Supply	AC220V±22V 50Hz±1Hz, 50W		
External Size(W×D×H)(mm)	400x300x200		
Shipping Size(W×D×H)(mm)	560x500x300		
N.W./G.W. (kg)	13/15		

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