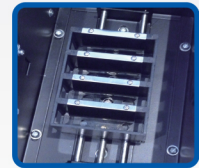# 752G UV-VIS Spectrophotometer
722G/721G-100/721G VIS Spectrophotometer

CE

- Sample compartment for 5-100mm cuvettes
- Equipped with RS232 port
- Precise automatic T/A changeover
- Automatic zero and full scale adjustment
- Direct concentration read-out and concentration factor setting function
- Software optional
- Dedicated printer optional

Applications

G series economic spectrophotometer been widely used in colleges and enterprises for general quantitative analysis and experiments based in absorbance measurements.

Common Features

1、High quality silicon photometric diode detector and 1200 lines/mm diffraction grating ensure the high quality accuracy and precision.
2、Backlit LCD display for an easy readout.
3、Automatic 0A and 100%T.
4、Easy switching of transmittance, absorbance and concentration modes, just by pressing one key.
5、Direct concentration read-out and concentration factor setting function.
6、Large sample compartment, for 5 - 100mm path length cuvettes with optional holders.
7、Easy to change the halogen lamp or deuterium lamp by the user himself.

Specifications

	752G	722G	721G-100	721G
Photometry	Single Beam			
Monochromator Type	Czerny-Turner			
Detector	Silicon Photocell			
Wavelength Setting	Manual Turn Knob			
Wavelength Range	200-1000nm	325-1000nm	340-1000nm	
Wavelength Accuracy	±2nm			
Wavelength Repeatability	≤1nm			
Spectrum Bandwidth	4nm	5nm		
Stray Light	≤0.3%T (at 220nm NaI, 360nm $NaNo_2$)	≤0.5%T (at 360nm $NaNo_2$)		
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	50mm	100mm	50mm
Power	AC220V±22V 50Hz±1Hz, 130W	AC220V±22V 50Hz±1Hz,50W		
Packaging Size	560mmX490mmX285mm 0.08M^3			
G.W.	16kg	14kg		

Standard Accessories

User manual	1pc
Glass cuvette 1cm	4pcs（721G/721G-100/722G only）
Quartz cuvette 1cm	2pcs
Power cable	1pc
Fuse	2pcs

Optional Accessories

Thermal printer
50mm cuvette holder
Cuvette holder 100mm （721G-100 only）
UV WIN7 software