

## 721G VIS Spectrophotometer



721G VIS Spectrophotometer been widely used in colleges and enterprises for general quantitative analysis and experiments based in absorbance measurements.

### Main Features

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

### Specifications

Photometry: Split Beam  
Monochromator Type: Czerny-Turner  
Focal Length: 160mm  
Grating: 1200 lines/mm  
Detector: Silicon Photocell  
Spectrum Bandwidth: 5nm

Wavelength Setting: Manual Turn Knob  
Wavelength Range: 340-1000nm  
Wavelength Accuracy:  $\pm 2$ nm  
Wavelength Repeatability:  $\leq 1$ nm  
Stray Light :  $\leq 0.5\%$ T( at 360nm NaNo<sub>2</sub> )  
Photometric Range: 0.0-100.0% T  
0.000-1.999 A  
0.000-1999 C  
Photometric Accuracy:  $\pm 0.5\%$  T  
 $\pm 0.004$  Abs (0-0.5A)  
 $\pm 0.008$  Abs (0.5-1A)  
Photometric Repeatability:  $\leq 0.2\%$  T  
0.002 Abs (0-0.5A)  
0.004 Abs (0.5-1A)  
Noise: 100% (T) noise $\leq 0.3\%$ (T) , 0% (T) noise $\leq 0.2\%$ (T)  
Power: AC220V $\pm 22$ V 50Hz $\pm 1$ Hz, 130W  
Packaging Size: 560mm X 490mm X 285mm 0.08M<sup>3</sup> 14kg

### Standrad Accessories

- Operation manual 1pc
- UV WIN7 software 1pc
- Glass cuvette 10mm 4pcs
- Power cable 1pc
- Fuse 2pcs
- Cuvette holder 50mm 1pc

### Optional Accessories

- Cuvette holder 100mm
- Cuvette 20mm 30mm 50mm 100mm

## 722G VIS Spectrophotometer



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### Main Features

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

### Specifications

Photometry: Split Beam  
Monochromator Type: Czerny-Turner  
Focal Length: 160mm  
Grating: 1200 lines/mm  
Detector: Silicon Photocell  
Spectrum Bandwidth: 5nm  
Wavelength Setting: Manual Turn Knob

Wavelength Range: 325-1000nm  
Wavelength Accuracy:  $\pm 2$ nm  
Wavelength Repeatability:  $\leq 1$ nm  
Stray Light :  $\leq 0.5\%$ T( at 360nm NaNo<sub>2</sub> )  
Photometric Range: 0.0-100.0% T  
0.000-1.999 A  
0.000-1999 C  
Photometric Accuracy:  $\pm 0.5\%$  T  
 $\pm 0.004$  Abs (0-0.5A)  
 $\pm 0.008$  Abs (0.5-1A)  
Photometric Repeatability:  $\leq 0.2\%$  T  
0.002 Abs (0-0.5A)  
0.004 Abs (0.5-1A)  
Noise: 100% (T) noise $\leq 0.3\%$ (T) , 0% (T) noise $\leq 0.2\%$ (T)  
Power: AC220V $\pm 22$ V 50Hz $\pm 1$ Hz, 130W  
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