

721G-100 VIS Spectrophotometer

721G-100 VIS Spectrophotometer been widely used in colleges and enterprises for general quantitative analysis and experiments based in absorbance measurements.

- 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.

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



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:	±2nm
Wavelength Repeatability:	≤1nm
Stray Light:	≤0.5%T(at 360nm NaNo2)
Photometric Range:	0.0-100.0% T; 0.000-1.999 A; 0.000-1999 C
Photometric Accuracy:	$\pm 0.5\%$ T; ± 0.004 Abs $(0-0.5A)$; ± 0.008 Abs $(0.5-1A)$
Photometric Repeatability:	≤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±22V 50Hz±1Hz,130W
Packaging Size:	560mm X 490mm X 285mm 0.08M³ 14kg

Standrad Accessories

- Operation manual lpc
- UV WIN 7 software 1pc
- Power cable 1pc
- Cuvette holder 100mm 1pc

- Glass cuvette 10mm 4pcs
- Fuse 2pcs