

# 752 GUV-VIS Spectrophotometer

752G UV-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:	<b>4nm</b>
Wavelength Setting:	Manual Turn Knob
Wavelength Range:	200-1000nm
Wavelength Accuracy:	±2nm
Wavelength Repeatability:	≤1nm
Stray Light :	$\leq 0.3\%$ T( at 220nm Nal, 360nm NaNo2 )
Photometric Range:	0.0-100.0% T, 0.000-1.999 A, 0.000-1999 C
Photometric Accuracy:	±0.5% T, ±0.004 Abs (0-0.5A), ±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±22V 50Hz±lHz, 130W
Packaging Size:	560mm X 490mm X 285mm 0.08M <sup>3</sup> 16kg

#### **Standrad Accessories**

- Operation manual lpc
- Glass cuvette 10mm 4pcs
- Power cable 1pc

#### **Optional Accessories**

• Cuvette holder 100mm

#### • UV W1N7 software lpc

- Quartz cuvette 10mm 2pcs
- Cuvette holder 50mm lpc • Fuse 2pcs
- Cuvette 20mm 30mm 50mm 100mm