

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: | 4nm |
| Wavelength Setting: | Manual Turn Knob |
| Wavelength Range: | 200-1000nm |
| Wavelength Accuracy: | ±2nm |
| Wavelength Repeatability: | ≤1nm |
| Stray Light: | ≤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: | $\pm 0.5\%$ 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≤0.3%(T), 0% (T) noise≤0.2%(T) |
| Power: | AC220V±22V 50Hz±lHz, 130W |
| Packaging Size: | 560mm X 490mm X 285mm 0.08M ³ 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
- Fuse 2pcs
 - Cuvette holder 50mm lpc

• Cuvette 20mm 30mm 50mm 100mm