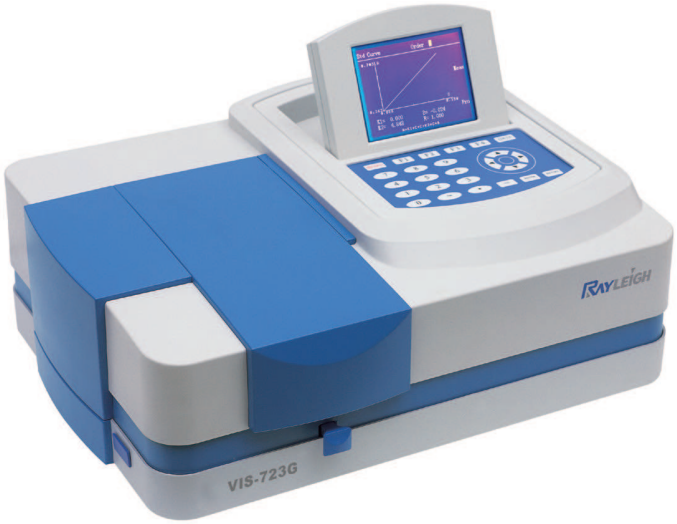
UV/VIS

VIS-723G
Spectrophotometer



FEATURES:

- Single beam wavelength scanning in whole wavelength range of 320~1100nm.
- Three options for spectral bandwidth selection: 5nm, 2nm and 1nm, made according to customer's need and satisfy the requirements of pharmacopoeia.
- Standard manual 4-cell holder accommodates cells from 5-50mm and changeable to long path length cell holder of 100mm.
- Optimized optics and electronics design, light source and detector from the world famous manufacturer ensure high performance and reliability.
- Rich measurement methods: wavelength scan, time scan, multi-wavelength determination, multi-order derivative determination, double-wavelength method and triple-wavelength method etc., meet different measurement requirements.
- Data output can be obtained via a printer port.
- Parameters and data can be saved in case of power failure for user's convenience.
- PC controlled measurement can be achieved via RS-232 interface (USB port) for more accurate and flexible requirements.

SPECIFICATIONS:

- Wavelength Range: 320-1100nm
- Spectral Bandwidth: 2nm (5nm,1nm optional)
- Wavelength Accuracy: ±0.5nm
- Wavelength Reproducibility: 0.2nm
- Monochromator: Single beam, plane grating of 1200L/mm
- Photometric Accuracy: ±0.5%T (0-100%T)
  ±0.002A(0～0.5A)
  ±0.004A(0.5A～1A)
- Photometric Reproducibility: 0.2%T
- Photometric Range: -0.3~3A
- Working Mode: T, A , C, E
- Stray Light: ≤0.1%T($NaNO_2$, 360nm)
- Baseline Flatness: ±0.002A
- Stability: ≤0.001A/h (at 500nm, after warming up)
- Light Source: Tungsten halogen lamp
- Detector: Silicon photodiode
- Display: 6 inches high light blue LCD
- Power: AC: 220V/50Hz, 110V/60Hz, 140W
- Dimensions: 530x410x210mm
- Weight: 18kg