

UV-2100 Double Beam UV/VIS Spectrophotometer



Features:

- 1 Double beam, fully automated scanning system
- 2 Compatible PC controlled, rich analytical software
- 3 Wavelength scan: Scanning sampling spectra via any range within 190-900nm, Three scanning speed: Fast, Middle and Slow selectable with Min. sampling interval of 0.04nm
- 4 Data processing function of derivative spectra and smoothing, peak picking, spectrum expansion and superposition and other arithmetic calculation
- 5 Fixed wavelength measurement: 10 wavelengths can be set at the same time, arithmetic calculation between wavelengths can be done.
- 6 Quantitation: Standard factor method, standard contrast method, 2-wavelength method and 3-wavelength method etc
- 7 Kinetic measurement: Wavelengths and sampling interval selectable, activity calculation available.

Specifications:

Wavelength Range:	190-900nm
Spectral Bandwidth:	0.1, 0.2, 0.5, 1.0, 2.0nm
Wavelength Accuracy:	±0.3nm(0.15nm if required)
Wavelength Reproducibility:	0.15nm
Photometric Accuracy:	±0.3%T(0-100%T), ±0.002A(0-0.5A), ±0.004A(0.5-1A)
Photometric Reproducibility:	0.15%T

Working Mode:	T, A, C, E
Stary Light:	$\leq 0.05\%T(\text{NaI, at } 220\text{nm})$
Baseline Flatness:	$\pm 0.001A$
Stability: up)	0.0004A/h (at 500nm, after warming
Detector:	photomultiplier
Light Source: deuterium lamp	Tungsten halogen lamp and
Power:	AC:230V/50Hz, 110V/60Hz, 400W
Dimensions:	670×470×210mm
Weight:	45kg