

UV-1601 UV/VIS Spectrophotometer



Features:

- 1 Wide wavelength range, satisfying requirements of various fields
- 2 The split-beam ratio monitoring system provides accurate measurements and enhances baseline stability.
- 3 Five options for spectral bandwidth selection, 5nm, 4nm, 2nm, 1nm and 0.5nm, made according to customer's need and satisfying the requirements of pharmacopoeia
- 4 Fully automated design, realizing the simplest measurement.
- 5 Optimized optics and large scale integrated circuits design, light source and receiver from world famous manufacturer all add up to high performance and reliability
- 6 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
- 7 Automatic 10mm 8-cell holder, changeable to automatic 5mm-50mm 4-position cell holder for more choices.
- 8 Data output can be obtained via a printer port and a RS-232 interface (RS485 and USB port optional)
- 9 Parameters and data can be saved for user's convenience
- 10 PC controlled measurement can be achieved for more accurate and flexible requirement.

Specifications:

Wavelength Range:	190-1100nm
Spectral Bandwidth:	2nm(5nm, 4nm, 1nm, 0.5nm optional)
Wavelength Accuracy:	±0.3nm
Wavelength Reproducibility:	0.15nm
Photometric System: Dual detectors	Split-beam ratio monitoring; Auto scan;
Photometric Accuracy: ±0.004A(0.5A-1A)	±0.3%T(0-100%T), ±0.002A(0-0.5A),
Photometric Reproducibility:	0.2%T
Working Mode:	T, A, C, E
Photometric Range:	-0.3-3A
Stray Light:	≤0.1%T(NaI, 220nm, NaNO ₂ 340nm)
Baseline Flatness:	±0.002A
Stability: warming up)	0.001A/30min (at 500nm, after
Noise: up)	±0.001A (at 500nm, after warming
Display:	6 inches high light blue LCD
Detector:	Silicon photodiode
Power:	AC:220V/50Hz, 110V/60Hz, 180W
Dimensions:	630×470 ×210mm
Weight:	26kg