

## UV-2601 UV/VIS Spectrophotometer

### Features:

- 1 Wide wavelength range, satisfying requirements of various fields
- 2 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
- 3 Fully automated design, realizing the simplest measurement
- 4 Optimized optics and large scale intergrated circuits design, light source and receiver from world famous manufacturer all add up to high performance and reliability
- 5 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
- 6 Automatic 10mm 8-cell holder, changeable to automatic 5mm-50mm 4-position cell holder for more choices
- 7 Data output can be obtained via a printer port and a RS-232 interface (RS-485 and USB port optional)
- 8 Parameters and data can be saved for user's convenience
- 9 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
• Optical System:	Double beam
• Photometric Accuracy:	±0.3%T(0-100%T), ±0.002A(0-1A)
• Photometric Reproducibility:	≤0.15%T
• Working Mode:	T, A, C, E
• Photometric Reproducibility:	-0.3-3.5A
• Stray Light:	≤0.1%T(NaI, 220nm, NaNO <sub>2</sub> 340nm)
• Baseline Flatness:	±0.002A
• Stability:	≤0.001A/h( at 500nm, after warming up)

- Noise:  $\pm 0.001\text{A}$  ( at 500nm, after warming up)
- Display: 6 inches high light blue LCD
- Detector: silicon photo-diode
- Power: AC 220V/50Hz, 110V/60Hz, 180W
- Dimensions: 630x470x 210 mm
- Weight: 26kg