

## i5 UV-VIS Spectrophotometer

### Characteristics

- 24-bit high speed and high precision A/D conversion, and improve the sensitivity of the instrument.
- The Main unit and PC software can independently implement functions of Quantitative; Kinetics; Wavelength Scan; Multi Wavelength; DNA/Protein and Data Printing. PC software can complete the function of data processing.
- Strong function of data processing makes user editing can be easier and more convenient.
- Suspended posture optical system design, strengthen and thicken the bottom plate to eliminate the vibration or transformation's impact on the optical system.
- Adopt synchronous sine institutions, high accuracy of the wavelength, repeatability.
- Standard with PC software.

### Specifications

Wavelength Range	190-1100nm
Bandwidth	1.8nm
Wavelength Accuracy	$\pm 0.5\text{nm}$ (D2 656.1NM), $\pm 0.3\text{nm}$
Wavelength Reproducibility	$\leq 0.2\text{nm}$
Photometric Accuracy	$\pm 0.3\%T$
Photometric Repeatability	$\leq 0.15\%T$
Straylight	$\leq 0.05\%T$
Stability	$\pm 0.001A/h(500\text{nm})$
Baseline Flatness	$\pm 0.001A$
Noise	$\pm 0.0005A$
Photometric Range	0-200%T, -4.0--4.0A, 0-9999C
Wavelength setting mode	Automatic
Scanning speed	High,Middle,Low,Optional
Output	USB Port
Printer port	Parallel Port
Display	LCD(320*240)
Light Source	Deuterium&Tungsten Halogen Lamp
Detector	Silicon Photodiode
Power	AC 220V/50Hz or 110V/64Hz
Dimension	460*380*180mm
Weight	20Kg

