

## Double-Beam UV-VIS Spectrophotometer **i8**

### Features

- Double-beam optical system.
- 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.
- Suspended posture optical system design, strengthen and thicken the bottom plate to eliminate the vibration or transformation's impact on the optical system.
- 24-bit high speed and high precision A/D conversion, and improve the sensitivity of the instrument.
- 0.5/1.0/2.0/4.0/5.0 bandwidth can be adjusted automatically
- The core components are imported with original packaging.
- The best optical system, based on top structure design, top technological requirements and top raw materials.
- Standard with PC software.

### Specifications

Wavelength Range	190-1100nm
Bandwidth	1.8nm
Wavelength Accuracy	±0.1nm(D2 656.1NM),±0.3nm
Wavelength Reproducibility	≤0.1nm
Photometric Accuracy	±0.2%T
Photometric Repeatability	≤0.15%T
Straylight	≤0.03%T
Stability	±0.0004A/h(500nm)
Baseline Flatness	±0.001A
Noise	±0.0005A
Photometric Range	0-200%T, -4.0--4.0A, 0-9999C
Wavelength setting mode	Automatic
Scanning speed	HI,MED,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/63Hz
Dimension	625*430*210mm
Weight	28Kg