

i2 Visible Spectrophotometer

Characteristics

- 24-bit high speed and high precision A/D conversion, and improve the sensitivity of the instrument.
- Standard scanning software can directly complete functions of Quantitative; Kinetics; Wavelength Scan; Multi Wavelength; DNA/Protein and Data processing.
- Can establish calibration curves and implement associated tests. The instrument internal can be stored 200 groups of data and 200 standard curves.
- Suspended posture optical system design, strengthen and thicken the bottom plate to eliminate the vibration or transformation's impact on the optical system.
- Automatic wavelength calibration and automatic deviation repair.
- Tungsten lamp can be changed easily, without debugging.
- Standard with PC software



Specifications

Wavelength Range	320-1100nm
Bandwidth	2nm
Wavelength Accuracy	±0.5nm
Wavelength Reproducibility	≤0.2nm
Photometric Accuracy	±0.3%T
Photometric Repeatability	≤0.15%T
Straylight	≤0.05%T
Stability	±0.0001A/h(500nm)
Baseline Flatness	±0.001A/h
Noise	±0.0005A
Photometric Range	0-200%T, -0.3--3A, 0-9999C
Wavelength setting mode	Automatic
Scanning speed	HI,LOW,Optional
Output	USB Port
Printer port	Parallel Port
Display	Graphic LCD(128*64)
Light Source	Tungsten Halogen Lamp
Detector	Silicon Photodiode
Power	AC 220V/50Hz or 110V/60Hz
Dimension	460x380x180mm
Weight	15Kg