

i3 UV-VIS Spectrophotometer



- Standard quantitative software can directly complete photometric analysis, quantitative test and processing of analytical data.
- Can establish calibration curves and implement associated tests. The instrument internal can be stored 200 groups of data and 200 standard curves.
- With calibration curve method, we can establish multiple-point standard curve directly, on basis of which we can measure the concentration of the unknown sample.
- With coefficient method, we can implement sample measurement directly after inputting coefficient of the curvilinear equation.
- Automatic wavelength calibration and automatic deviation repair.
- Deuterium and tungsten lamp can be changed easily, without debugging.
- Standard with PC software.

Specifications

Wavelength Range	190-1100nm
Bandwidth	1.8nm
Wavelength Accuracy	±0.5nm
Wavelength Reproducibility	≤0.2nm
Photometric Accuracy	±0.3%T
Photometric Repeatability	≤0.15%T
Starylight	≤0.05%T
Stability	±0.001A/h(500nm)
Noise	±0.0005A
Baseline Flatness	±0.001A
Photometric Range	0-200%T, -0.3--3A, 0-9999C
Wavelength setting mode	Automatic
Output	USB Port
Printer port	Parallel Port
Display	Graphic LCD(128*64)
Light Source	Deuterium&Tungsten Halogen Lamp
Detector	Silicon Photodiode
Power	AC 220V/50Hz or 110V/61Hz
Dimension	460x380x180mm
Weight	20Kg