

Dual Beam
UV-VIS 2002XE
SPECTROPHOTOMETER
(XENON LAMP)



- **Photometry measurement**
Measure absorbance and transmission at any defined wavelength.
- **Quantitation**
By measuring reference samples and establish standard curve, to determine unknown samples.
Support built-in and customized formulation to establish standard curve.
- **Wavelength Scanning**
Determine full wave length absorbance and transmission at defined wave length interval, generate and analyze the graph by built-in methods.



SPECIFICATIONS

Spectrum	UV-Visible
Spectrum Range	190-1100nm
Type	Dual Beam
Bandwidth	2nm
Lamp	XENON
Detector	Dual Silicon photodiode
User Interface	5-inch color touchscreen
Output	USB, Serial port, Bluetooth (Optional)
Wavelength range	190-1100
Wavelength Accuracy	±0.3 nm
Wavelength repeatability	+0.2 nm
Wavelength resolution	0.1 nm
Photometric range	-0.3 to 3 A
Photometric accuracy	0.5 A 0.001A, for 1 A 0.002A
Photometric repeatability	0.5 A 0.001A, for 1 A 0.002A
Stray light	220 nm < 0.05% With KCL @198 < 1% (2.35 A)
Optional Accessory	Specular Reflection Accessory, Integrating Sphere 60mm / 100mm Automatic 8 Cell Changer, long path cell holder, Peltier Solid Sample holder etc.
Baseline Flatness	± 0.002A
Scan speed	3000 nm/min
Slew speed	7500 nm/min
Monochromator Type	Reexive, holographic, Czerny-turner, Scanning Monochromator
Capacity	Single Cell and Multi-cell up to 4 (Standard)
Power	100 ~ 240 V AC, 50/60 Hz, 100 W
Dimension	456*360*185 mm
Weight	10.5 kg

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