

UV-Vis SPECTROPHOTOMETER SP-8001

The compact and easy to use SP-8001 UV/Vis Spectrophotometer was designed to measure wavelength from 190~1100 nm with speed and accuracy. With the split beam optical design the SP-8001 offers enhance performance only found in high end instruments.

With multiple measurement features, the SP-8001 provides users with different measuring method such as time scam, kinetics, quantitative, and spectrum scan

The versatile sample compartment can accommodate a complete line of accessory such as thermo fluid cell, flow cell, and 6 cell holder to suit different applications user may encounter.

The SP-8001 also comes with PC-Mate software for user control and store data on their PC.



Optical Design	Split beam
Light Source	Deuterium and Halogen lamp
Detector	Silicon photodiode
Wavelength Range	190-1100 nm
Bandwidth	2 nm
Wavelength Accuracy	+/- 1 nm
Wavelength Repeatability	+/- 0.2 nm
Measurement mode	A/ %T / C
Photometric Accuracy	+/- 0.005Abs at 1.000 by NIST SRM390e
Photometric range	-0.300 ~3.500Abs
Stability	< 0.05% at 340nm and 220nm by NIST SRM2031
Stray Light	<0.05% at 340 and 220 nm
Wavelength scanning speed	100-500nm/min
Display	340 x 240 LCD with backlight
Interface	RS232 and parallel port
PC software	Data collection from saved memory; real time data display and storage
Power	100 ~ 240V at 50/60Hz
Dimension	506(W) x 340(D) x 220(H) mm
Weight	18 kg