

SP-2102UVP UV-Vis spectrophotometer (Large LCD)

1. 6.4 inch high definition LCD with large screen.
 2. Real-time multitasking kernel, whole graphic cross-talking interfaces.
 3. Memory that without losable, optimized source configuration, last working status be remembered automatically.
 4. Powerful function of self-testing and calibration: dark current calibrating,
 5. Automatically finding the zero order light, characteristic spectral line with 656.1nm of deuterium lamp positioning.
 7. Fancy image and character output interface.
 8. PC connecting for choice, and various versions of Win-scan software that professional version or enhanced version for choice.
- Resolving power of 2nm, which fits the requirement for drug codex of different nations.

Recommended application areas

Main performances reach the level of the same indexes that from imported instruments and domestic advanced instruments. It's an indispensable instrument for quality control that is widely used in pharmaceutical analysis, food, medicines and healthy, life sciences, biochemical analysis and organic chemistry. It's also an ideal testing tool in schools and scientific research academies.

Basic instrument functions

Storage function	Dynamic storage function, optimized resource configuration, standard curve farthest storage, last working status automatically be remembered.
100%T or 0%T setup	Automatic
System self-testing	Wavelength self-testing, light source self-testing, filter switching, energy calibrating.
Light source switching	The switching point can be set at any position at the wavelength range of 325-355nm to improve testing accuracy.
Light source management	Light source on/off status can be controlled to elongate its working life.
Signal output	RS-232C, LPT
Communication function	Intercommunication can be realized after connecting to PC
Print function	HP parallel printer of spray-ink or laser can be connected.

Extended function

(Accessories or workstation software should be chosen.) Automatic multi-cells holder.
Auto-sorting test, or manual-sorting, 4 cells and 6 cells for choice.
Micro-volume testing
100µl, as the minimum volume. (Special cell holder and cuvette should be used.)
Constant temperature testing
Testing samples under the condition of constant temperature.
Electronic constant temperature accessory or water cycling
constant temperature accessory should be chosen.

Main Specification

Display	320*640 large screen graphic LCD
Light Source	6V10W Halogen Lamp(2000 hours)
	Deuterium lamp(1000 hours)
Sample Compartment	100mm Optical Path
Standard Cell Holder	10mm
Standard Cell Configuration	10mm Glass cell(4pcs)
Power Requirement	110/220VAC , 50/60Hz, ±10%
Size	475*420*180 (mm)
Net Weight	12KG
Gross weight	15KG



SP-2102UVP

Standard configuration

- 10mm manual four-cell holder, 1pcs
- 10*10*45 mm standard glass cuvettes, 4pcs
- 10*10*45 mm standard quartz cuvettes, 2pcs
- RS-232C connection cord, 1pcs
- Power cord, 1pcs
- User manual, 1pcs
- Operating protocol, 1pcs