SP-UV2101

Touch screen single beam Visible spectrophotometer

Features

- 10.1 inches high resolution TFT colored capacitive touch screen （1024*600） and windows graphic interface.
- Powerful functions like Photometric measurement, Quantitative measurement, Kinetics, Spectrum scan, DNA\Protein test, multi-wavelength test, etc
- In-house massive memory is capable of saving up to 1024M for test data & working curves.
- Various optional accessories, like automatic cell holder, thermostatic automatic sampler, adjustable micro cell holder, reflection accessory and integrating sphere, etc. which extend the application range of device and combine the requirements of common samples and special ones.
- Supports USB storage. The USB port can be used for data transfer, which is easily exported to Excel for further processing, analysis and storage.
- Socket type deuterium and tungsten lamp can make lamps switching without optics debugging and easy to be replaced.
- Follow GLP/GMP standards, user management, logging, data tracking and exporting, etc.are all available.

Specifications	SP-UV2101
Optical System	Single Beam
Wavelength Range	190-1100 nm
Spectral Bandwidth	1.0nm
Wavelength Accuracy	±0.1nm (at 656.1nm), ±0.3nm full range
Wavelength Repeatability	≤0.1nm
Photometric Accuracy	±0.0015A(0～0.5A)±0.002A(0.5A～1A)
Photometric Repeatability	±0.001A(0～0.5A)±0.0015A(0.5A～1A)
Photometric Range	-0.3～3A,0～9999C(0～9999F)
Stray Light	≤0.03%T @ 220,360nm
Stability	≤0.001 A/h / 500 nm(After 1 hour of preheating)
Baseline Flatness	±0.001A
Noise	0.0005A@500nm
Work Mode	T, A, C, E
Scanning Speed	High | Medium | Slow
Wavelength Setting	Auto
Display	10.1-inch large color touch screen(1024×600)
Light Source	Tungsten Lamp(Japan HYBEC) | Deuterium Lamp (Milaras)
Detector	Imported Silicon Photodiode
Cuvette Holder	Manual 4-position 1cm holder (standard for single beam)
Output	USB Port Printer Port
Power Requirements	110/220V,50/60Hz,120W
Dimension[L×W×H]	570mm×440×210mm
Weight	20kg
Standard Accessaries	10mm glass cuvette x 4, 10mm quartz cuvette x 2, Power cord, User's Manual , PC software

item No.	18901008

Film holder for double beam models
1mm(H)*10mm(W)*30mm(L)

item No.	18901009

Single hole 1cm holder
(standard for double beam)

item No.	18901010

Single hole 5cm holder(1cm-10cm)

item No.	18204256

4 position 5cm holder(1cm-5cm)

item No.	18901011

Xenon lamp （A510KU） 10V

item No.	18901012

Integrating Sphere
95mm(L)* 101mm(W)* 99mm(H)

item No.	18901013

Automatic 8-position cell holder
1cm

item No.	18901014

Automatic 5-position cell holder
1cm-5cm