

STALWART

Spectrophotometer with Ipad SX Series



Features

- 11-inch Touch Screen
- Powerful functions like Photometric measurement, Quantitative measurement, Kinetics, Spectrum scan, DNA\Protein test, Multiwavelength test, etc
- Equipped with GLP/GMP functions, including user management, audit tracking, log inquiry, etc.
- Support real-time sending of data via email and mobile SMS.
- Adopts 3.0 Bluetooth protocol, with stable transmission and free interconnection within 10 meters.
- Can be directly connected to laser printer via WiFi and thermal printer via Bluetooth.
- Extensive accessories are optional, such as auto 5-cell/8-cell holder, film holder, tube rack, integrating sphere, reflection accessory, peltier/ sipper system, software, etc.



Specification

Item	SX-800I	SX-801I	SX-801S
Optical System	Double Beam, Grating 1200 lines/mm		
Wavelength Range	190-1100 nm		
Spectral Bandwidth	2nm	1nm	0.1/0.2/0.5/1/2/4/5nm
Wavelength Accuracy	$\pm 0.1\text{nm}@656.1\text{nm}$, $\pm 0.3\text{nm}@all$		
Wavelength Repeatability	$\leq 0.1\text{nm}$		
Photometric Accuracy	$\pm 0.2\%T(0\sim 100\%T)$, $\pm 0.0005A(0-0.5A)$, $\pm 0.0008A(0.5-1A)$		
Photometric Repeatability	$\leq 0.15\%T(0-100\%T)$, $0.0004A(0-0.5A)$, $0.0006A(0.5-1A)$		
Photometric Range	0-400%T, -4~4A		
Resolution	0.00001Abs		
Stray Light	$\leq 0.03\%T@220\text{nm}$, 360nm		
Stability	$\pm 0.0001A$		
Baseline Flatness	$\pm 0.0004A$		
Noise	0.0005A@500nm		
Work Mode	T, A, C, E		
Scanning Speed	Hi, Med, Low (Max. 6000nm/min)		
Display	11-inch Touch Screen		
Light Source	Xenon Lamp		
Detector	Silicon Photodiode		
Cuvette Holder	10mm 4-cell holder		
Output	Cloud connectivity/Email/SMS/Bluetooth/WiFi		
Power	AC 110-220V 50-60Hz		
Shipping Size	810*660*390mm		880*690*520mm
Gross Weight	27kg		45kg
Standard Accessories	10mm glass cuvette x 4, 10mm quartz cuvette(UV) x 2, Power cord, User's Manual		